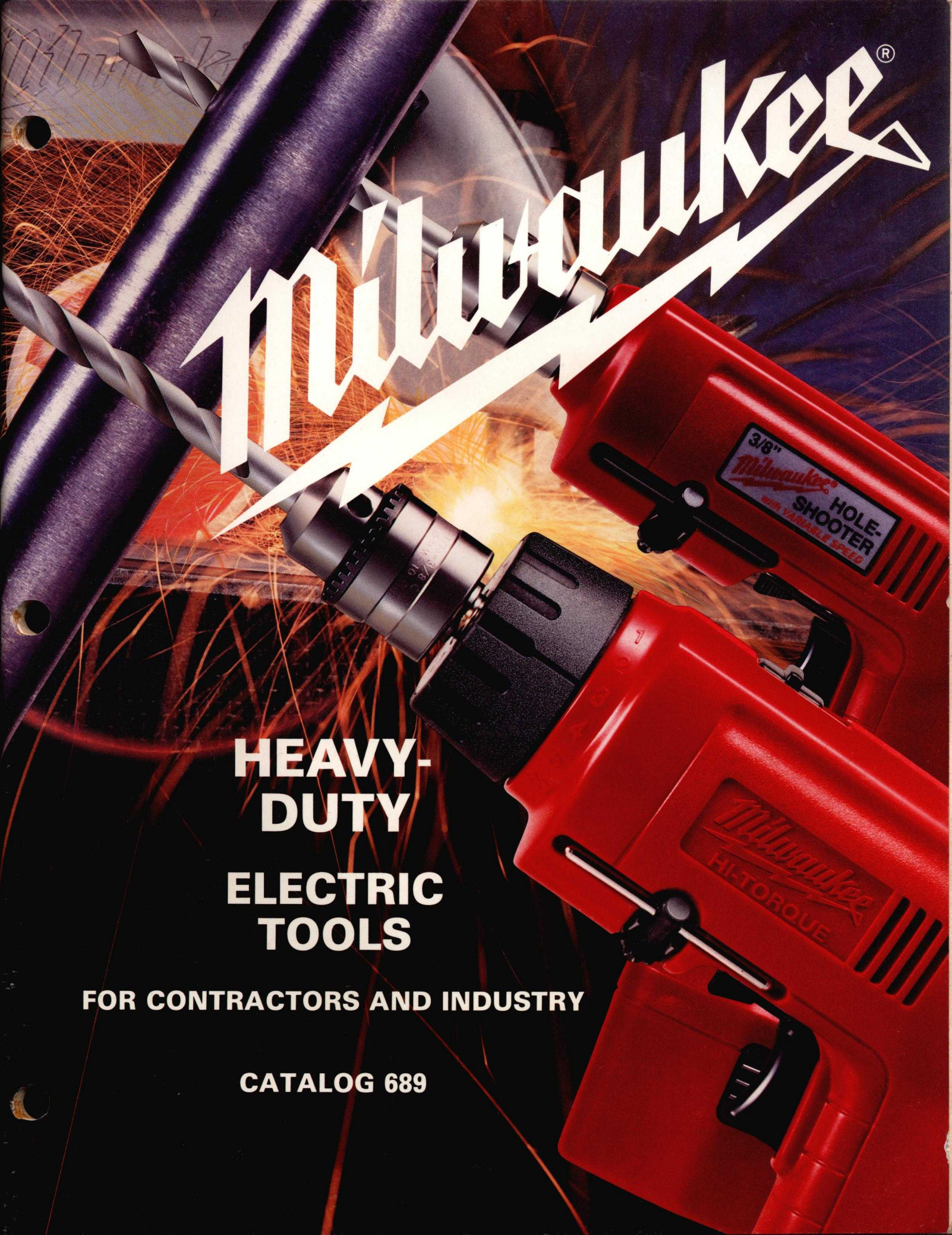

HEAVY-DUTY ELECTRIC TOOLS

FOR CONTRACTORS AND INDUSTRY

CATALOG 689

HEAVY-DUTY 1-1/2" ROTARY HAMMER

UNSURPASSED IN CAPACITY AND DRILLING SPEED FOR ITS SIZE AND WEIGHT

Milwaukee®

HEAVY-DUTY
ELECTRIC TOOLS
FOR CONTRACTORS AND INDUSTRY

HEAVY-DUTY
INDUSTRIAL/CONSTRUCTION
ELECTRONICS

Today Milwaukee Electric Tool Corporation is the U.S. leader in the design and packaging of sophisticated Electronic control circuits for professional portable electric power tools. This has been accomplished by applying contemporary microelectronic design and manufacturing techniques to professional portable electric tools which had been limited to technology that was developed over 25 years ago. After a modest beginning in 1982, MILWAUKEE's Electronic Division has grown steadily. In its new facility located in Pewaukee, Wisconsin, the original small technical group has developed into a state-of-the-art, hi-tech manufacturing group employing computer controlled equipment, lasers and robotics.

This manufacturing staff, combined with the outstanding staffs in our New Product and Advanced Research Departments, allows MILWAUKEE to design to its specific needs for its Professional Products. MILWAUKEE's design criteria has always been to produce the safest, high performance, labor saving Professional Tools possible for the professional craftsman. Electronic components added to our products must meet this criteria. All applications must be meaningful—no gimmicks allowed.

In this catalog, you will find the MILWAUKEE Electronics symbol on variable speed reversing Drills and Screwdrivers, Hammer-Drills, Controlled Start Grinders, Sawzalls and Electro-Magnetic Drill Presses. Our ability to custom design circuit controls has permitted MILWAUKEE to produce hi-tech electrical switching and control components for these and other products which specifically address the needs of the professional craftsman. MILWAUKEE's sophisticated electronic circuits are completely encapsulated in epoxy. This adds substantial reliability to our products because it overcomes the problems with dust, vibration and impact mechanisms.

Heavy-Duty Industrial/Construction electronics, designed and manufactured to meet the demands of the professional, are just part of MILWAUKEE's CONTINUED OVERALL COMMITMENT TO QUALITY.

Sincerely,

Jerome L. Schnettler

Jerome L. Schnettler
President Milwaukee Electric Tool Corporation

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NOTE

FOR YOUR CONVENIENCE, A QUICK REFERENCE LIST OF MILWAUKEE REPLACEMENT PARTS IS AVAILABLE FOR ALL TOOLS SHOWN IN THIS CATALOG: See your local MILWAUKEE DISTRIBUTOR or MILWAUKEE SERVICE CENTER.

MILWAUKEE ELECTRIC TOOL CORPORATION

CORPORATE OFFICE:
13135 W. LISBON RD.
BROOKFIELD, WI 53005
PHONE: (414) 781-3600
TELEX NO. 910-262-3043 METCO BKFD
FAX NO. 414-781-3611

MANUFACTURING FACILITIES:
BROOKFIELD, WISCONSIN
JACKSON, MISSISSIPPI
BLYTHEVILLE, ARKANSAS

CANADIAN SUBSIDIARY:
SCARBOROUGH, ONTARIO

DISTRIBUTION CENTER:
MILWAUKEE DISTRIBUTION CENTER, INC.
OLIVE BRANCH, MISSISSIPPI

WARRANTY: Every MILWAUKEE tool is thoroughly inspected and tested before leaving our manufacturing facilities. Should any trouble develop, return the complete tool prepaid to our Corporate Office, Branch Office/Service Center or nearest Authorized MILWAUKEE Service Station. If inspection shows the trouble is caused by defective workmanship or material, all repairs will be made without charge, and the tool will be returned, transportation prepaid. Battery packs for cordless tools are warranted for one year from the date of purchase.

This warranty does not apply where: (1) repairs or attempted repairs have been made by persons other than MILWAUKEE personnel or Authorized Service Station personnel; (2) repairs are required because of normal wear; (3) the tool has been abused or involved in an accident; (4) misuse is evident, such as caused by overloading the tool beyond its rated capacity; (5) the tool has been used after partial failure or (6) the tool has been used with an improper accessory. No other warranty, written or verbal, is authorized.

WARRANTY/SERVICE: For service/warranty on "Portable Electric Tools" use the nearest MILWAUKEE Branch Office/Service Center or Authorized MILWAUKEE "Portable Electric Tools" Service Station listed.

For service/warranty on "Professional Lifting Tools" (Hoists/Trolleys) use the MILWAUKEE Branch Office/Service Center or nearest Authorized MILWAUKEE "Professional Lifting Tools (Hoist)" Service Station listed.

This nationwide network of MILWAUKEE Branch Office/Service Centers and independent Authorized Service Stations located throughout the United States and Canada has been established to assure prompt, efficient service. They are staffed with factory trained personnel and an adequate inventory of replacement parts. Should the need arise, they are your source for MILWAUKEE service or warranty repair.

MILWAUKEE BRANCH OFFICES/SERVICE CENTERS

ARIZONA
PHOENIX 85004
405 E. Watkins St.
(602) 256-7210
FAX NO. 602-495-9563

CALIFORNIA
ANAHEIM 92801
1130 N. Magnolia St.
(714) 827-3970
(213) 624-7615
(213) 860-0349
FAX NO. 714-220-0817

S. SAN FRANCISCO 94080
179 Utah Ave.
(415) 583-8484
S.F.: (415) 761-2851
FAX NO. 415-583-7330

COLORADO
DENVER 80219
2650 W. Second Ave.
(303) 922-1163
FAX NO. 303-922-0013

FLORIDA
MIAMI 33122
8101 N.W. 33rd St.
(305) 592-0442
FAX NO. 305-592-6872

GEORGIA
(Atlanta)
CHAMBLEE 30341
2381 John Glenn Dr.
(404) 455-7300
FAX NO. 404-454-7493

ILLINOIS
(Chicago)
NILES 60648
5629 Howard St.
Chicago: (312) 539-9173
Niles: (312) 647-8407
FAX NO. 312-647-6694

LOUISIANA
(New Orleans)
HARAHAN 70123
5610 Jefferson Hwy.
(504) 733-8543
FAX NO. 504-734-1027

MASSACHUSETTS
(Boston)
NEWTON 02158
143 California St.
(617) 244-4483
FAX NO. 617-964-3316

MICHIGAN
(Detroit)
AUBURN HILLS 48057
1120 Doris Rd.
(313) 373-3800
FAX NO. 313-373-3565

MINNESOTA
(Minneapolis)
BLOOMINGTON 55435
4350 W. 78th St.
(612) 835-4910
FAX NO. 612-835-0317

MISSOURI
KANSAS CITY 64120
1506 N. Topping
(816) 241-7300
FAX NO. 816-483-9454

NEW YORK
(New York)
WOODSIDE 11377
27-07 Brooklyn-Queens Expressway West
N.Y.: (718) 721-5151
N.J.: (201) 622-7752
FAX NO. 718-278-8790

OHIO
(Cincinnati)
SHARONVILLE 45241
11909 Tramway Dr.
(513) 733-3334
FAX NO. 513-733-3470

CLEVELAND 44125
7600 Wall St.
(216) 524-8040
FAX NO. 216-524-7222

PENNSYLVANIA
(Philadelphia)
BROOMALL 19008
388 Reed Rd.
(215) 544-5544
FAX NO. 215-543-5064

TEXAS
DALLAS 75247
400 W. Mockingbird Lane
(214) 637-4820
FAX NO. 214-631-4521

HOUSTON 77007
4801 Katy Freeway
(713) 861-4671
FAX NO. 713-861-6330

WASHINGTON
SEATTLE 98108
5419 Maynard Ave., S.
(206) 762-8430
FAX NO. 206-762-9153

WISCONSIN
(Milwaukee)
BROOKFIELD 53005
4057 N. 128th St.
(414) 781-0951
FAX NO. 414-781-8651

MILWAUKEE AUTHORIZED PORTABLE ELECTRIC TOOL SERVICE STATIONS—U.S.A.

ALABAMA

BIRMINGHAM 35233	Power Tool Service, Inc., 1113 Fourth Ave., S.	(205) 323-4311
HUNTSVILLE 35810	Tool Service, 4214 Oakwood Ave.	(205) 539-5604
MOBILE 36606	Smith Power Tool Co., Inc., 2503 Commercial Park Dr.	(205) 478-3335
MOBILE 36693	Tool Smith Co., Inc., 3675 Government Blvd.	(205) 323-2576

ALASKA

ANCHORAGE 99503	Alaska Tool & Equipment Service, 3207 Artic Blvd.	(907) 562-6151
FAIRBANKS 99706	Fairbanks Aero Services, Phillips Field	(907) 479-6666
JUNEAU 99806	AC/DC Electrical Equip. Repair Inc., 10006 Crazy Horse Dr.	(907) 789-3504

ARIZONA

PHOENIX 85009	Glendale Industrial Supply, 2224 N. 23rd Ave.	(602) 254-4666
PHOENIX 85014	Glenns Tool Service, 4036 N. 13th Way	(602) 264-6203
TUCSON 85719	Electric Motor Co., 1028 E. Broadway	(602) 622-8877
TUCSON 85719	Western Tool Inc., 1665 E. 18th St., Suite 118	(602) 884-0504

ARKANSAS

HOT SPRINGS 71901	Arkansas Tool Service, Inc., 711 Belding	(501) 321-9851
LITTLE ROCK 72209	Air Power, Inc., 7123 I-30, Suite 41	(501) 565-4900
SPRINGDALE 72764	Tri-Bar Tool & Supply Inc., 800 W. Sunset	(501) 751-3502

CALIFORNIA

APPLE VALLEY 92307	Standard Elec. Works, 22000 Hwy. 18, P.O. Box 11343	(619) 247-8909
BAKERSFIELD 93308	Electropower Inc., 3736 Gilmore Ave.	(805) 322-1586
CAMPBELL 95008	Railway Distributing, 264 Railway Ave.	(408) 866-9266
CONCORD 94520	Electric Euro Service, 1913 Salvio St.	(415) 687-1442
CUCAMONGA 91730	IPM Inc., 10050 6th St. #A	(714) 987-8958
CULVER CITY 90230	Westwood Power Tool Co., 4824 S. Sepulveda Blvd.	(213) 870-8088
EUREKA 95501	Senn Electric, 2104 4th St.	(707) 443-0416
FRESNO 93721	Kimmerle Bros. Inc., 337 M St.	(209) 233-1278
GRASS VALLEY 95945	Freddy's & Sons Fix-It-All, 540 East Main St.	(916) 273-6321
LOS ANGELES 90015	Rodman & Co., 965 W. Venice Blvd.	(213) 749-6441
MODESTO 95351	Stanislaus Electric Motor Works, 504 River Road	(209) 523-8269
NORTH HOLLYWOOD 91605	Bucknall Power Tool Service, 11910 Vose St.	(818) 765-0228
OXNARD 93030	Electric Motor Service, 200 E. 5th St.	(805) 483-4233
PALM SPRINGS 92264	Lanco Tool & Hardware Inc., 4801 E. Sunny Dunes Rd.	(619) 323-5655
SACRAMENTO 95819	Industrial Electric, 6325 Elvas Ave.	(916) 452-2828
SAN DIEGO 92110	Best Impact Inc., 980 B Buenos Ave.	(619) 276-3887
SAN FRANCISCO 94103	Kimmerle Bros. Inc., 226 11th St.	(415) 431-1163
SAN JACINTO 92383	Hemet Valley Tool, 1301 S. State St.	(714) 654-1034
SAN LEANDRO 94577	Power Tool & Saw Service, 883 San Leandro Blvd.	(415) 569-5111
SAN LUISE OBISPO 93401	Mackey's Saw & Tool, 3440 Sacramento Dr.	(805) 544-7152
SAN MARCOS 92069	Best Impact Inc., 1440 Grand Ave., Suite C	(619) 744-2727
SANTA CLARA 95050	General Electric Tool Repairs, 364 Martin Ave.	(408) 727-4454
SANTA FE SPRINGS 90670	Kimmerle Bros. Inc., 12060 Florence Ave.	(213) 946-6771 (714) 523-1560
SANTA MARIA 93434	Lahr Electric Motors, Inc., 119 Mill	(805) 922-8326
SANTA ROSA 95401	Acme Electric Tool Repair, 742 Wilson St.	(707) 546-5862
SANTA ROSA 95403	H & V Tool Repair, 1808 Empire Industrial CT. #D	(707) 528-1111
SIMI VALLEY 93065	Simi Tools & Repairs, 1226 E. Los Angeles Ave.	(805) 584-8665
WHITTIER 90602	Battels Hardware, 13238 E. Whittier Blvd.	(213) 698-3714

COLORADO

AVON 81620	Tool Clinic, 41000 Hwy. 6, Bldg. 3, Unit 3	(303) 949-6282
BOULDER 80301	Rental City Inc., 3050 Walnut St.	(303) 449-2050
COLORADO SPRINGS 80905	Central Colorado Tool Serv., 525 W. Colorado Ave.	(303) 635-8615
COLORADO SPRINGS 80907	The Tool Hospital, 907 E. Fillmore	(303) 632-8832
FORT COLLINS 80524	A-Z Power Equipment Center, 1540 Riverside Dr.	(303) 482-9913
GRAND JUNCTION 81501	Cross Electric Tool Service, 1755 Main St.	(303) 245-3158
MONTROSE 81401	Berquist Electric, 26 S. Stough	(303) 249-9059

CONNECTICUT

BERLIN 06037	Portable Power Tool Repair, Inc., 873 Farmington Ave.	(203) 828-8149
EAST HARTFORD 06108	Heldmann Tool Supply, Inc., 75 Charles St.	(203) 289-2727

FLORIDA

DAYTONA BEACH 32014	C & C Sales & Repair, 863 Mason Ave.	(904) 253-5815
FORT LAUDERDALE 33334	Broward Tool Repair, 3547 N. Dixie Hwy.	(305) 566-4114
HOLLYWOOD 33023	National Tool Supply, 5725 W. Hallandale Beach Blvd.	(305) 963-7222
JACKSONVILLE 32209	Duval Equipment Co., 2136 W. Beaver St.	(904) 353-5535
LAKELAND 33802	Interstate Scaffold & Equip., 1316 George Jenkins Blvd.	(813) 686-3145
LAKE PARK 33403	Action Bolt & Tool Co., 212 Newman Rd.	(305) 845-8800
LAKE WORTH 33461	Allied Tool Repair Inc., 1130 N. G Street	(305) 585-2113
LARGO 33540	Jim & Slim's Tool Supply Inc., 13065 S. Belcher Rd.	(813) 535-3363
MIAMI 33150	Skyproducts, 10035 N.W. 7th Ave.	(305) 759-8665
NORTH FORT MYERS 33903	Preshers Servicenter, 1349 Pondella Road	(813) 574-2540
OAKLAND PARK 33334	I.M.A. Tool Distributor, 211 E. Oakland Park Blvd.	(305) 566-2117
ORLANDO 32806	Florida Electric Motor Service, 1128 Atlanta Ave.	(305) 425-8160
PENSACOLA 32501	M & W Electric Motor Service, 1250 Barrancas Ave.	(904) 433-0400
TALLAHASSEE 32304	Contractor & Inds. Tool & Sply., 3958 W. Pensacola St.	(904) 575-9642
TAMPA 33603	Gator Repair, 5128 Nebraska Ave.	(813) 234-8831
TAMPA 33604	Electrical Repairs Inc., 7802 N. Florida Ave.	(813) 238-1537
TAMPA 33609	Mylee Tool Supply, Inc. 2905 W. Kennedy Blvd.	(813) 877-0509
VERO BEACH 32960	Atco Tool Supply, Inc., 1785 Old Dixie Hwy.	(305) 569-0356

GEORGIA

ALBANY 31701	Mid-South Tool & Equipment, Inc., Hwy. 82 West	(912) 435-0084
ATLANTA 30313	Power Tool Service Co., 249 Simpson St. N.W.	(404) 524-0202
AUGUSTA 30913	Electrical Equipment Co., 1441 Greene St.	(404) 722-6685
COLUMBUS 31904	Rental Service Co., 1747 Warm Springs Rd.	(404) 327-7407
MACON 31202	Bass Tool & Industrial Supply, 1034 Second St.	(912) 745-1117
SAVANNAH 31402	Morgan's Inc., 110 Ann St., Box 308	(912) 234-2271
SAVANNAH 31402	White Hardware Co., 102 W. Congress St.	(912) 236-7542
VALDOSTA 31601	Miller Hardware Co., 104 S. Lee St.	(912) 242-3910

HAWAII

HILO 96720	Hawaii Planing Mill Ltd., 380 Kanoelehua Ave.	(808) 935-0875
HONOLULU 96819	A.L. Kilgo Co. Inc., 180 Sand Island Road	(808) 832-2200
HONOLULU 96819	F.K.S. Rentals & Sales, 653 Kakoi St.	(808) 836-2961
HONOLULU 96819	Repair Tech Hawaii, 2865 Kaopaka St.	(808) 836-3355
KAHULUI 96732	Maui Power Tool Service, 251 Lalo St.	(808) 877-3440
LIHUE 96766	Toolmaster Rental & Supply, 3061 Aukele St.	(808) 245-8885

IDAHO

BOISE 83704	K C Supply, 814 N. Manville	(208) 342-4801
IDAHO FALLS 83401	Rossiter Electric, 1501 S. Capital	(208) 529-3665

ILLINOIS

BLOOMINGTON 61701	Electric Motor Repair, 1106 E. Bell St.	(309) 827-4691
DECATUR 62525	Miller Industrial Supply Co., 1695 N. 21st St.	(217) 428-7787
JOLIET 60432	R & A Electric Service Inc., 571 N. Chicago St.	(815) 727-4964
MC COOK 60525	Recco Tool and Supply, 8805 Joliet Rd.	(312) 442-7850
MOLINE 61265	Aggregate Equipment & Supply Co., 2221 Fifth Ave.	(309) 797-2692
MORTON 61550	Morton Electro-Mech, Inc., 1050 W. Jefferson	(309) 266-6653
SPRINGFIELD 62701	R. W. Bradley Supply Co., 403-05 N. Fourth St.	(217) 528-8438

INDIANA

EVANSVILLE 47711	Plumbing & Industrial Supply, 2220 Highway 41 North	(812) 423-6256
FORT WAYNE 46805	Wagner Electric of Fort Wayne, 3610 N. Clinton St.	(219) 484-5532
FORT WAYNE 46825	Mill Supplies, Inc., 5105 Industrial Road at Ley Road	(219) 484-8566
INDIANAPOLIS 46203	Anderson Bros. Tool Repair, 3531 Southeastern Ave.	(317) 356-6381
LA PORTE 46350	Kor-It Sales, 2045 N. County Road, 150 E.	(219) 326-1851

IOWA

CEDAR RAPIDS 52402	City Supply Tools & Fasteners, 931 Blairsberry Rd. N.E.	(319) 395-0991
CEDAR RAPIDS 52404	Jims Appliance Service, 901 Ninth St. S.W.	(319) 364-0277
DAVENPORT 52802	Five Cities Tool Service Inc., 921 S. Rolff	(319) 322-7068
DES MOINES 50309	Puckett Tools & Fasteners, 841 11th St.	(515) 244-4189
DES MOINES 50309	Stetson Building Products, 510 S.W. 9th St.	(515) 243-6286
DES MOINES 50317	Electrical Eng. & Equip. Co., 1808 Delaware St.	(515) 282-0431
DES MOINES 50317	Iowa Industrial Products Inc., 2600 Delaware	(515) 265-4281
SIOUX CITY 51101	Mid-City Electric Motors & Tools, 507 Iowa St.	(712) 255-1836

KANSAS

DODGE CITY 67801	Dalton Brothers, Inc., 1110 S. 14th	(316) 227-2793
GARDEN CITY 67846	Midwest Electric, Inc., 1620 Buffalo Jones Ave.	(316) 275-6306
HUTCHINSON 67501	Kingsley-Wagner Supply Co., 117 E. Sherman St.	(316) 663-3301
TOPEKA 66608	R & K Supply Inc., 121 E. Gordon	(913) 232-7731
WICHITA 67213	Duntz Tool Supply, Inc., 1831 Southwest Blvd.	(316) 942-0036

KENTUCKY

LEXINGTON 40505	The Tool Hospital, 1127 Commercial Dr.	(606) 255-4781
LEXINGTON 40508	City Electric Motor Shop, 631 Kennedy Rd.	(606) 252-4751
LOUISVILLE 40217	Tool Repair Service, 1200 Goss Ave.	(502) 635-6888
PADUCAH 42001	Warden Electric Co., 604 N. 7th St.	(502) 443-4622

LOUISIANA

HARAHAN 70123	Service Tool & Supply, 5480 Mounes St.	(504) 733-4744
NEW ORLEANS 70153	Beerman Precision Inc., 4206 Howard Ave.	(504) 486-9391
SHREVEPORT 71101	Tench Electric Motor Works Inc., 1616 Market St.	(318) 221-8315

MAINE

BANGOR 04401	N.H. Bragg & Sons, 92 Perry Road	(207) 947-8611
LEWISTON 04240	Motor Power Inc., 1505 Lisbon St.	(207) 782-7017
PORTLAND 04101	Maine Tool & Supply, 203 Anderson St.	(207) 774-7319
PRESQUE ISLE 04769	Welding Supply Co., 46 Industrial St.	(207) 764-6511
WESTBROOK 04092	Coastal Tool Inc., 25 Bridge St.	(207) 856-6353

MARYLAND

BALTIMORE 21224	Tool Repair Unlimited, 7984 Baltimore St.	(301) 288-0880
COLUMBIA 21045	Pro-Service Inc., 9051 M, Red Branch Rd.	(301) 995-3842
FREDERICK 21701	M & M Electric Motor Repair, 702 East St.	(301) 663-1100
GAITHERSBURG 20876	Standard Supplies Inc., 17 Chestnut St., Box 550	(301) 948-2690
HAGERSTOWN 21740	M/L Electric Co., 90 W. Lee St.	(301) 739-8285
TAKOMA PARK 20012	Turner Electric Co., 201 Ethan Allen Ave.	(301) 270-6800
TOWSON 21204	Duran Service Co., 8741 Mylander Lane	(301) 321-9033

MASSACHUSETTS

ALLSTON 02134	Service Sales Corp., 442 Cambridge St.	(617) 254-2444
DANVERS 01923	Danvers Hardware, 61-65 Maple St.	(508) 777-3719
EVERETT 02149	Panda Electrical Service, 165 Main St.	(617) 389-1442
FALL RIVER 02721	Burns Power Tools, 350 Mariano S. Bishop Blvd.	(617) 675-0381
FITCHBURG 01420	Shepard & Parker Inc., 18 Lincoln St.	(508) 343-3907
HOLYOKE 01040	Reliance Electric Service, 573 S. Canal St.	(413) 533-3557
NORWELL 02061	J & B Power Equipment Co., 5 Grove St.	(508) 878-1103
PLYMOUTH 02360	Colony Tool Supply, Nick's Rock Rd.—Plymouth Ind. Pk.	(508) 746-2219
SOMERVILLE 02145	Robi Tool Sales Inc., 160 Broadway	(617) 776-1234
WOBURN 01801	Allied Tool Repair, Inc., 3 Oakland St.	(617) 933-0666
WOBURN 01888	Star Sales & Distr. Corp., 29 Commerce Way	(617) 933-8830

MICHIGAN

DETROIT 48203	Re-Nu Electric Co., 20163 John R. St.	(313) 366-1570
DETROIT 48234	Butki Saw Tool Co., 19015 Van Eyke Ave.	(313) 366-6775
DETROIT 48234	Electric Tool & Service, 19442 Conant Ave.	(313) 366-3830
ESCANABA 49829	B & B Tool Service & Supply, 1650 17.4 Road	(906) 786-0512
GRAND RAPIDS 49509	J. T. Hoeksema Tool Service, 2499 28 St. S.W.	(616) 538-1870
KALAMAZOO 49001	Kalamazoo Electric Motors, 658 E. Vine	(616) 345-7802
MIDLAND 48640	Mid-Michigan, 680 Poseyville Rd.	(517) 835-6014
PORT HURON 48060	Beard Campbell Co., 2975 Lapeer Rd.	(313) 985-7105
TRAVERSE CITY 49685	Davis Electric, Inc., 1131 Hastings St.	(616) 947-9860

(Continued)

MINNESOTA

DULUTH 55806	Diamond Drilling Supply Co., 2916 W. First St.	(218) 628-3671
GRAND RAPIDS 55744	The Motor Shop, 17 County Road 63	(218) 326-4091
ST. PAUL 55108	Trade Tools, Inc., 2173 Energy Park Drive	(612) 646-1808
WILLMAR 56201	Central Contractor Supply, 605 Lakeland N.E.	(612) 235-5151
WILLMAR 56201	Northern States Supply Inc., P.O. Box 1057—Industrial Park	(612) 235-0555

MISSISSIPPI

JACKSON 39204	Flannigan Electric Co., Inc., 1820 S.W. St. Ext.	(601) 354-2756

MISSOURI

JOPLIN 64801	Electric Motor Supply Inc., 2301 W. 20th St.	(417) 623-4544
KANSAS CITY 64108	Heath Sales & Service Inc., 518 E. 16th St.	(816) 421-3330
ST. LOUIS 63139	P M Electric Co., Inc., 5280 Fyler Ave.	(314) 351-4550
ST. PETERS 63376	Tool Service Center, 89 Algama Court	(314) 928-7678
SPRINGFIELD 65802	Middle Earth Tool Repair Co., 1661 St. Louis St.	(417) 831-0954

MONTANA

BILLINGS 59101	Teds Electric Service, 133 Moore Lane	(406) 259-6418
MISSOULA 59806	Electro Service Center, 1919 Harve	(406) 549-4115

NEBRASKA

GRAND ISLAND 68802	Gifco Tools & Fasteners, 363 N. Elm St.	(308) 382-1670
LINCOLN 68501	The Tool House of Henkle & Joyce, 800 Q St.	(402) 476-6673
NORTH PLATTE 69101	Knapp Electric, 1900 E. Fourth St.	(308) 532-4840
OMAHA 68127	All Makes Tool Service, 8914 H St.	(402) 592-1230
OMAHA 68127	The Tool Hospital, 4630 S. 85 St.	(402) 592-5220
SCOTTSBLUFF 69361	Contractors Materials, Inc., 604 S. Broadway	(308) 632-5631

NEVADA

CARSON CITY 89701	Bilbo Tool Co., 2601 E. 5th St.	(702) 883-5256
LAS VEGAS 89109	Tool Services Inc., 3239 Industrial Rd.	(702) 734-9161
SPARKS 89431	Industrial Electric, 310 Kresqe Lane	(702) 331-1032

NEW HAMPSHIRE

NASHUA 03061	Hammar Industrial Supply, 175 Amhurst	(603) 882-5161

NEW JERSEY

BRADLEY BEACH 07720	Power Tool Co., 48 Main St.	(201) 776-8282
CLIFTON 07011	The Tool Box, 119 Lakeview Ave.	(201) 340-7652
FAIRLAWN 07410	Bergen County Motor & Tool, 17 16 River Rd.	(201) 796-3006
GLOUCESTER CITY 08030	Industrial Services & Supply, 502 S. Broadway	(609) 456-0336
HIGHLAND PARK 08904	Quick Tool Repair, 225 Wood Bridge Ave.	(201) 572-3703
KENILWORTH 07033	Air & Electric Tool Service, 215 N. Eighth St.	(201) 272-5567
POMPTON PLAINS 07444	Riverdale Tool Co., Inc., 352 Route 23 N.	(201) 831-0621
TRENTON 08619	Tool Repair Inc., 61 2nd Ave.	(609) 586-8074

NEW MEXICO

ALBUQUERQUE 87107	Telco Electric Inc., 2906 Fourth N.W.	(505) 345-2426
ALBUQUERQUE 87108	J-M Tool Repair Co., 320 Florida S.E.	(505) 255-2304
FARMINGTON 87401	Marquez Ind., Rental & Repair, 135A Butler Ave.	(505) 326-4516
LAS CRUCES 88001	Tony's Power Tools, 240 N. Mesquite St.	(505) 526-3144

NEW YORK

ALBANY 12206	Albany Burner Control, 20 Colvin Ave.	(518) 459-8856
BINGHAMTON 13904	Hulbert Electric Inc., 78 Travis Ave.	(607) 724-3968
BUFFALO 14207	Richter Electric Motor Repair, 2010 Niagara St.	(716) 873-1600
GARDEN CITY PARK 11040	Eastern Industrial Equip., 2231 Jericho Turnpike	(516) 741-3198
KINGSTON 12401	Fowler & Keith, 104 Smith Ave.	(914) 331-0004
PEEKSKILL 10566	Peekskill Electric Motor Repair, 13 Broad St.	(914) 737-4141
PORT CHESTER 10573	Pelham Tool Co. Inc., 21 Abendorth Ave.	(914) 937-1771
RIVERHEAD 17901	Riverhead Electric Tool, 523 Pulaski St.	(516) 727-5510
ROCHESTER 14608	Jackson Saw & Knife Co. Inc., 517 State St.	(716) 546-7485
ROCHESTER 14609	O. G. Schwarz Co., 430 Atlantic Ave.	(716) 482-9282
SYRACUSE 13204	Ramsing Electric Repairs, 914 Emerson Ave.	(315) 468-1712
NEW YORK 10019	T.P. Rental Services, Inc., 752 9th Ave.	(212) 713-1999
UTICA 13503	McQuade & Bannigan Inc., 1300 Stark St.	(315) 724-7119
WEST ISLIP, L.I. 11795	Sunrise Tool Service, 124 Sunrise Hwy.	(516) 661-5548

NORTH CAROLINA

CHARLOTTE 28206	Portable Tool Service, 3209 Cullman Ave.	(704) 332-8337
GREENSBORO 27407	Tool & Equipment Service Co., 825 Norwalk St.	(919) 294-1544
RALEIGH 27601	Specialty Tool Service, Inc., 2420 Atlantic Ave.	(919) 833-5903
WINSTON SALEM 27115	Power Tool Sales & Service, 150 Kapp St.	(919) 724-5536

NORTH DAKOTA

FARGO 58102	Acme Electric Motor Inc., 3401 Interstate Blvd.	(701) 235-8060
FARGO 58102	Northern States Supply Co., 1226 38th St. N.	(701) 282-2088
GRAND FORKS 58201	Acme Electric Motor Inc., 1705 13th Ave. N.	(701) 746-6481

OHIO

ALPHA 45301	Authorized Tool Service Inc., 676 Orchard Lane	(513) 429-5593
CINCINNATI 45210	Cincinnati Electric Repair, 2023 Elm St.	(513) 621-2183
COLUMBUS 43222	Alban Equipment Co., 1825 McKinley Ave.	(614) 279-6352
DAYTON 45403	M & R Electric Motor Service, 1516 E. Fifth St.	(513) 222-6282
NEWARK 43055	Tim Stone Power Tool, Inc., 142 Union St.	(614) 344-9404
TOLEDO 43613	Electric Tool & Equipment, Inc., 3156 Upton Ave.	(419) 474-7537
YOUNGSTOWN 44509	Power Tool & Supply Co., 3699 LeHarps Dr.	(216) 792-1487
YOUNGSTOWN 44512	Moff-Master Power Tools, 5228 Market St.	(216) 783-2130

OKLAHOMA

OKLAHOMA CITY 73107	Commercial Tool Repair, 2114 West Reno	(405) 232-2158
TULSA 74104	H.L. Moss, Inc., 1714 East 15th St.	(918) 744-1305

OREGON

BEND 97708	NORCO, 101 N.E. Greenwood Ave.	(503) 382-2362
EUGENE 97402	Jims Tool Service, 515 Wilson St.	(503) 344-1243
EUGENE 97402	Mercury Equipment Inc., 2060 W. Seventh Place	(503) 484-0514
KLAMATH FALLS 97601	Sixth Street Steel, 2521 S. Sixth St.	(503) 882-6391
MEDFORD 97501	Kens Saw Shop, 1838 Delta Waters Rd.	(503) 779-1490
MEDFORD 97504	Precision Power Tool Repair Inc., 3001 Crater Lake Ave.	(503) 770-5541
PORTLAND 97214	Chas. H. Day Co., Inc., 602 S.E. 11th	(503) 232-1659

PENNSYLVANIA

BETHLEHEM 18017	Albarell Electric Inc., 1523 Easton Ave.	(215) 691-7030
HANOVER 17331	C & E Pneumatic Service Inc., W. Chestnut St. Ext.	(717) 632-5200
MECHANICSBURG 17055	Power Tool Service, 34 W. Allen St.	(717) 697-8233
MONROEVILLE 15146	Professional Tool Service, 700 Seco Rd., Bldg. 1	(412) 373-7440
PITTSBURGH 15233	Snyder Electric Co., 1500 Chateau St.	(412) 231-3100
READING 19605	Reading Electric Motor Service, 4029 Pottsville Pike	(215) 929-5777

PUERTO RICO

RIO PIEDRAS 00929	Ramelco Inc., 65th Infantry Station	(809) 751-0131

RHODE ISLAND

WARWICK 02888	Babine Electric Service, 315 Jefferson Blvd.	(401) 738-0333

SOUTH CAROLINA

CHARLESTON 29411	Charleston Supply Co., King St. Extension	(803) 722-8851
COLUMBIA 29203	Mann Electric Repair, Inc., 3600 Main St.	(803) 252-7777
GREENVILLE 29602	Service Repair Co., 15 Hyde St.	(803) 242-5893
SPARTANBURG 29301	Cash Supply Co., 113 Country Club Rd.	(803) 585-9326

SOUTH DAKOTA

ABERDEEN 57401	J. B. Center, 710 Sixth Ave., S.W.	(605) 229-5284
RAPID CITY 57702	Stan Houston Equipment Co., Inc., 1210 Deadwood Ave.	(605) 348-1155
SIOUX FALLS 57103	Electric Motor Repair, 927 E. 8th St.	(605) 336-3020

TENNESSEE

CHATTANOOGA 37404	Dixie Industrial Service, Inc., 2108 E. Main St.	(615) 698-8063
JACKSON 38301	Smith Tool Service, 908 S. Highland Ave.	(901) 427-4012
JOHNSON CITY 37602	East Tennessee Rent-Alls, 3605 Bristol Hwy.	(615) 282-3221
KNOXVILLE 37914	Electric Service Co., 3914 McCalla Ave.	(615) 524-8607
MEMPHIS 38104	Southern Electric Co., 812 Porter St.	(901) 774-4651
NASHVILLE 37210	Hermitage Tool Inc., 947 Fourth Ave. S.	(615) 254-0820

TEXAS

AMARILLO 79107	G. E. Jones Electric Co., 208 14 N. Polk	(806) 372-5505
AUSTIN 78745	Austin Tool, Inc., 4303 Willow Springs Rd.	(512) 447-4905
AUSTIN 78758	The Tool Box, 9904-A Gray Blvd.	(512) 836-5483
BEAUMONT 77701	Newton Rental Tool & Hardware, 530 Mariposa St.	(409) 835-3979
BRYAN 77801	Bailey Oxygen & Tool Co., 812 S. Bryan St.	(409) 779-7154
CONROE 77305	Moore Bros. Lumber Co., 940 S. Fraizer	(409) 756-4476
CORPUS CHRISTI 78405	Corpus Christi Power Tool & Repair, 3009 Agnes	(512) 883-1117
EL PASO 79901	Taylor Simpkins, 2000 Texas Street	(915) 533-9536
FORT WORTH 76107	Fort Worth Bolt & Tool, 2822 Bledsoe St.	(817) 335-3361
FORT WORTH 76111	Modern Tool Repair, 2704 E. Belknap	(817) 834-1111
KILLEEN 76540	Bill's Repair Service, 112 N. 4th St.	(817) 634-2960
LONGVIEW 75607	Sobol Welders Supply Co., 1410 F-M Rd. 1845	(214) 757-3800
LUBBOCK 79405	Lubbock Electric Co., 1108-34th St.	(806) 744-2336
MIDLAND 79701	Midland Tool Specialty, 918 South Main	(915) 682-4647
SAN ANGELO 76902	Angelo Tool Co., 914 Arroyo Dr.	(915) 944-8258
SAN ANTONIO 78205	Electric Motor Service & Sales, 1514 E. Commerce St.	(512) 226-3462
TEXARKANA 75501	Ray's Electric Motor Repair, 922 Bowie St.	(214) 792-7031
WACO 76707	Ludwig Saw & Tool Sharpening, 1701 Maple	(817) 754-6951
WESLACO 78596	Weslaco Tool Repair, 316 E. 4th St.	(512) 968-9156
WICHITA FALLS 76307	Construction Equip. & Specialty Sply., 703 E. Scott	(817) 766-0238

UTAH

LOGAN 84321	Glenns Electric Motor & Supply, 501 Main St.	(801) 752-4178
SALT LAKE CITY 84104	Diamond Electric Motor, 1465 S. Second W.	(801) 484-4325

VERMONT

SOUTH BURLINGTON 05403	Burlington Rent-All, 23 San Remo Dr.	(802) 658-4131

VIRGINIA

HARRISONBURG 22801	G.L.S. Tool Clinic, 210 Old 33	(703) 434-6151
MANASSAS PARK 22111	Arcet Equipment Co., 8399 Euclid Ave.	(703) 361-0109
NEWPORT NEWS 23606	National Tool Supply, 806 Middle Ground Blvd.	(804) 873-1115
NORFOLK 23517	Bryan Electric Co., 424 W. 25th St.	(804) 625-0378
RICHMOND 23261	Staley Co., Inc., 2024 Chamberlayne Ave.	(804) 321-6595
ROANOKE 24017	Rent-Alls of Roanoke, Inc., 604 11th St. N.W.	(703) 345-0184
WINCHESTER 22601	Winchester Electric Service, 443 Millwood Ave.	(703) 667-2040

VIRGIN ISLANDS

SAINT CROIX 00823-6632	Reliable Rentals & Sales, Sion Farm Shopping Center	(809) 778-5738

WASHINGTON

ABERDEEN 98520	Electrical Apparatus Service, 621 W. State	(206) 533-4164
CLARKSTON 99403	Wade Tool Service 644 6th St. Unit F	(509) 758-5188
KENNEWICK 99336	Tool Repair Co., 419 W. Entiat	(509) 586-6147
SPOKANE 99207	ACE/Rock Power Tool Service, E2324 Euclid + 101	(509) 483-6121
SPOKANE 99202	Spokane Power Tool, E. 801 Trent	(509) 489-4202
SPOKANE 99220	Safway Supply Inc., 1507 E. Sprague	(509) 535-9841
TACOMA 98409	Center Electric Inc., 1212 S. 30th St.	(206) 383-4416
YAKIMA 98902	Cooper Electric Motor Service, 205 S. Fourth Ave.	(509) 452-9550

WEST VIRGINIA

BECKLEY 25801	Air-Tech Tool Service Inc., Rt. 3, Box 9A	(304) 253-6799
CHARLESTON 25312	A-1 Rental Inc., 555 - 29th St. W.	(304) 744-6364

WISCONSIN

GREEN BAY 54305	Power Tool Service Co., 310 N. Webster Ave., Box 1343	(414) 437-2594
LA CROSSE 54601	Lackore Electric Motor Repair, 520 S. Third St.	(608) 782-7635
MADISON 53713	Jet Power Tool Repair Inc., 970 Jonathon Dr.	(608) 271-2315
MILWAUKEE 53215	Power Tools & Equipment, Inc., 2934 W. Burnham St.	(414) 384-0400
RACINE 53404	Lakeshore Electric Company, Inc., 920 Wilson St.	(414) 634-5889
WAUKESHA 53186	Jensen Equipment Company, Inc., 831 Phillip Dr.	(414) 547-5548

WYOMING

EVANSTON 82930	J.C. Electric, 198 County Rd.	(307) 789-4650
GILLETT 82716	Contractors Supply, Inc., Hwy. 59 South	(307) 682-5153
MILLS 82644	Statewide Electric Co., Inc., 226 Van Horn Ave.	(307) 265-2567

MILWAUKEE AUTHORIZED PROFESSIONAL LIFTING TOOLS (HOISTS) SERVICE STATIONS, U.S.A.

ALABAMA
BESSEMER 35020 . . . . . H & S Repair Service, 418 N. 20th St. (205) 425-9541

CALIFORNIA
CERRITOS 90701 . . . . . Continental Tools & Hoists, 11447 Beach St. (714) 944-1412
FRESNO 93721 . . . . . Kimmerle Brothers, Inc., 337 "M" St. (209) 233-1278
PITTSBURG 94565 . . . . . Advanced Hoist & Crane, 620 Gracia, Unit E (415) 439-7874
SAN FRANCISCO 94103 . . . . . Kimmerle Brothers, Inc., 226 11th St. (415) 431-1163
SANTA FE SPRINGS 90670 . Arrow Crane Hoist Corp., 12714 Carmenita Road (213) 921-8328
SANTA FE SPRINGS 90670 . . . Kimmerle Brothers, Inc., 12060 E. Florence St. (213) 748-2171

COLORADO
DENVER 80223 . . . . . Wazee Electric Co., #2 Santa Fe Drive (303) 623-8658

FLORIDA
DANIA 33004 . . . . . Material Handling Systems, 720 S.W. 4th Ct. (305) 921-1171
KISSIMMEE 32741 . . . . . J. Herbert Corp., 1751 S. Orange Blossom Trail (305) 846-0588

GEORGIA
ALBANY 31707 . . . . . Mid-South Tool & Equipment, Inc., Highway 82 West (912) 435-0084
NORCROSS 30093 . . . . . Ace Industries Inc., 6295 McDonough Dr. (404) 441-0898

ILLINOIS
FOREST PARK 60130 . Sievert Elect. Service & Sales Co., 1230 S. Hannah St. (312) 771-1600

INDIANA
INDIANAPOLIS 46225 . . . Brehob Electric Equipment Inc., 1334 S. Meridian St. (317) 632-4451

IOWA
DES MOINES 50313 . . . . . A & B Electric Motor Service, 1727 Hull Ave. (515) 265-8552

KENTUCKY
LOUISVILLE 40206 Advanced Material Handling Co., Inc., 1734 Mellwood Ave. (502) 896-2166

LOUISIANA
WEST LAKE 70669 . . . . . Dixie Supply, Inc., 3301 Cities Service Highway (318) 882-6011

MARYLAND
BALTIMORE 21202 . . . . . Industrial Electric Co., Inc., 707 S. Central Ave. (301) 327-1150

MICHIGAN
FRASER 48026 . . . . Continental Crane & Service Co., 33681 Groesbeck Hwy. (313) 294-7900

MINNESOTA
MINNEAPOLIS 55411 . . . . . Electric Motor Repair, Inc., 2010 N. 4th St. (612) 522-3318

MISSOURI
KANSAS CITY 64108 . . . . . Contractors Supply Co., 620 E. 18th St. (816) 221-7788

NEBRASKA
OMAHA 68102 . . . . . Thacker Electric Co., 2209 Cuming St. (402) 341-2264

NEW JERSEY
NEWARK 07114 . . . . . Lafayette Hoist & Crane, Inc., 182 Vanderpool St. (201) 824-8336

NEW YORK
BUFFALO 14213 . . . . . Volland Electric Equipment Co., 1511 Niagara St. (716) 884-2713
LONG ISLAND CITY 11103 . . . . . Electric Motors Corp., 24-25 46th St. (718) 721-1000
SYRACUSE 13211 . . Salmon Motor Repair Service, 110 Falso Dr., P.O. Box 68 (315) 455-7924

NORTH CAROLINA
CHARLOTTE 28208 . . . . . Southern Electric Service, 2225 Freedom Dr. (704) 372-4832
GREENSBORO 27405 . Carolina Jack & Equipment Co., 3310 E. Wendover Ave. (919) 375-6050

OHIO
CLEVELAND 44135 . . . . . H & L Electric Co., 13224 Enterprise Ave. (216) 267-9100
DAYTON 45414 . . . . Siemens Energy & Automation Service, 5131 Webster St. (513) 278-7355

OKLAHOMA
TULSA 74112 . . . . . Gaffey, Inc., 6951 E. 12th St. (918) 836-6827

OREGON
PORTLAND 97209 . . . . . General Tool & Supply Co., 407 N.W. 17th Ave. (503) 226-3411

PENNSYLVANIA
ABINGTON 19001 . . . . . Repair Unlimited, 1730 Rockwell Road (215) 657-3335
BROGUE 17309 . . . . . Hatco International, Route 74 South (717) 246-3666
PITTSBURGH 15215 . . . . . Globe Electric Co., 200 23rd St. (412) 781-2677

RHODE ISLAND
WOONSOCKET 02895 . . . Electric Maint. & Eng. Works, Inc., 193 Railroad St. (401) 762-3871

SOUTH DAKOTA
SIOUX FALLS 57104 . . . . . Jamison Shakstad's Inc., 1400 Industrial Ave. (605) 336-3090

TENNESSEE
MEMPHIS 38108 . . . . . D.M.C. Hoist & Crane, 1401-1403 N. Willett St. (901) 272-1015
MEMPHIS 38127 . . . . . Hi-Speed Electrical Co., 3013 Thomas St. (901) 357-6231
NASHVILLE 37210 . . . . . Garrison Service Co., Inc., 719 3rd Ave. S. (615) 254-1334

TEXAS
FORT WORTH 76117 . . . . . Gaffey Inc., 4301 Garland Dr. (817) 281-1994
HOUSTON 77002 . . . . . Hydraulic Equipment Service, 1021 N. San Jacinto St. (713) 228-4073

UTAH
SALT LAKE CITY 84115 . . Agutter Eng. & Sales Corp., 320 West 1700 South (801) 486-0755

WASHINGTON
SEATTLE 98108 . . . . . B & J Industrial Supply Co., 5601 First Ave. S. (206) 762-4430

WISCONSIN
NEENAH 54956 . . . . . Alferi Industrial Sales & Service, 346 Smith St. (414) 722-6483

CANADIAN FACTORY SERVICE CENTRE

MILWAUKEE ELECTRIC TOOL (CANADA) LTD.
755 Progress Avenue, Scarborough, Ontario M1H 2W7
Phone: AREA CODE 416-439-4181 TORONTO TELEX NO. 06-963796 FAX NO. 416-439-6210

MILWAUKEE AUTHORIZED "PORTABLE ELECTRIC TOOL" SERVICE STATIONS—CANADA

ALBERTA
Calgary T2G 4C4 . . . . . Air Electric Services Ltd., 422 Manitou Road S.E. (403) 287-2456
Calgary T2G 4H2 . . . . . Industrial Power Tool, 2312 Spiller Road S.E. (403) 261-0780
Edmonton T5K 1K7 . . . . . Electrical Industries Ltd., 10136-111th St. (403) 426-0865
Grand Prairie T8V 4E3 . . . . . Bermar Rewind Ltd., 9609-109 St. (403) 532-0818
Lethbridge T1J 0E3 . . . . . Hagen Electric Ltd., 1202-2nd Ave. South (403) 328-8826
Red Deer T4N 4B6 . . . . . McAuley's Electric Motors Ltd., 5301-50th Ave. (403) 346-3361

BRITISH COLUMBIA
Kelowna V1Y 2K5 . . . . Thompson Electric Motor Service Ltd., 1090 Richter St. (604) 762-3136
Langley V3A 3X8 . . . . . A.C. Power Tool Clinic, #105-19835-56th Ave. (604) 530-3550
Nanaimo V9R 5E5 . . . . . Solar Electric Repairs (1981) Ltd., 20A Cliff St. (604) 753-1731
Penticton V2A 3J8 . . . . . A. C. Motor Electric Ltd., 259 Okanagan Ave. East (604) 493-1440
Prince George V2N 1A9 . . . . . Accurate Tool Repair, 3674-18th Ave. (604) 562-8833
Surrey V3W 2V8 . . . . . Delta Electric Tool (1981), #6-13325-76th Ave. (604) 591-3230
Vancouver V5Y 1G8 . . . . . Armature Electric Ltd., 275 West 4th St. (604) 879-6141
Victoria V8W 1M1 . . . . . A.B.C. Electric Ltd., 831 Yates St. (604) 382-7221

MANITOBA
Winnipeg R3G 3K4 . . . Westburne Industrial Ent. Ltd., 1300 St. Matthews Ave. (204) 786-7861
Winnipeg R3E 1G2 . . . . . Exel Western Elevators, 670 Pacific Ave. (204) 775-8671

NEW BRUNSWICK
Bathurst E2A 1C6 . Steve's Electric Motor Service Reg'd., 399 St. Andrews St. (506) 548-4681
Fredericton E3B 3L4 . Electric Motor Service (1979) Ltd., 129 Westmorland St. (506) 458-8770
Moncton E1C 8H7 . . . . Moncton Electric Motor Service Ltd., 345 Collishaw St. (506) 382-9407
Saint John E2L 4A5 . . . . . John A. Kennedy & Co. Ltd., 38 Bayside Dr. (506) 634-8761

NEWFOUNDLAND
St. John's A1B 3R2 . . . . Rideout Tool and Machine, Inc., 222 Kenmount Road (709) 754-2240

NOVA SCOTIA
Dartmouth B3A 1A5 . . . . . Fader Agencies, 83 Shore Rd. (902) 466-2333

ONTARIO
Barrie L4M 1A6 . . . . . Tony's Power Tool & Vacuum Repair, 147 Dunlop St. E. (705) 726-1142
Belleville K8N 4V1 . . . . . Emsco Limited, 57 Cannifton Rd. (613) 966-3230
Hamilton L8H 5X2 . . . . . Apollo Tool Repair & Sales, 180 Parkdale Ave. North (416) 544-5202
Kingston K7M 1W6 . . . . . Boyd Electric Ltd., 833 Portsmouth Ave. (613) 548-4888
Kitchener N2B 2E2 . . . . . R.M.W. Electric Inc., 47A Shirley Ave. (519) 744-1821
Lindsay K9V 1W7 . . . . . Jordan Electric Motor Service, 4 Durham St. E. (705) 324-9427

ONTARIO (Continued)
London N5W 2M1 . . . . . A.C. Jenkins Electric Repair Co., 1188 Frances St. (519) 451-4020
Mississauga L5T 1J6 . . . Bertsch Power Tool Service Ltd., 1075 Meyerside Dr. (416) 670-7716
North Bay P1B 1W4 . . . . . Glendrew Power Tools, 455 McCaughey Ave. (705) 474-3431
Orillia L3V 6K2 . . . . . Orser Electric Ltd., 301 Forest Ave. (705) 326-6427
Ottawa K1S 4N1 . . . . . Grant Electric Ottawa Ltd., 401 Preton St. (613) 236-9773
Peterborough K9J 2N3 . . . . . Larry Electric Motor Service, 164 Sherbrooke St. (705) 743-3167
Richmond Hill L4C 2Y2 C.A.F. Elec. Motor & Pump Repairs, 45-47 Industrial Rd. (416) 884-8545
Sarnia N7T 2G6 . . . . . Terry Cain Tool Repairs, 133 Campbell St. (519) 336-7000
St. Catherines L2H 6Z4 . . . . . Industrial Power Tools, 48 Scott St. (416) 682-2855
Sudbury P3A 2T2 . . . . Northern Power Tool Centre Ltd., 747 Notre Dame Ave. (705) 566-2001
Thunder Bay P7C 4V9 . . . . . Mahon Electric Co. Ltd., 340 N. Waterloo St. (807) 623-8471
Timmins P4N 2P5 . . . . . Gils Electric Motor Repair Ltd., 395 Railway St. (705) 267-7164
Toronto M6B 1G1 Castlefield Elec. & Saw Blade Co. Ltd., 1182 Castlefield Ave. (416) 783-1167
Toronto M5A 3C8 . . . . . Miller Air & Electric Co. Ltd., No. 7 Gilead Pl. (416) 368-5646
Welland L3B 5W6 . . . . . Burger Electric Motor Service Ltd., 60 Clark St. (416) 734-6171
Weston M9L 2S2 . . Karl's Power Tool's Sales & Services Ltd., 162 Turbine Dr. (416) 741-1336

QUEBEC
Cap De La Madeline G8T 6Y4 . . . . . Melco Enr., 280 Thibeault (819) 374-4444
Drummondville J2C 4P5 . . . . Centre De L'Outil Drummond Enr., 482 Marchand (819) 478-1109
Gatineau J8P 1G6 . . Les Equipments Brabant et Fils, 776 B Boul. Maloney Est. (819) 663-2526
Grandby J2G 5A7 . . . . . Armatures Shefford Inc., 200 Rue Cartier (514) 375-1414
Montreal H2M 1R9 . . . . . Inolec Inc., 8945 Rue Lajeunesse (514) 384-9021
Montreal H4A 2K5 . . . . . Instrument Sales & Service Inc., 2185 Hampton Ave. (514) 481-8111
Quebec City G1N 4E9 . . . Clinique D'Outillage M.P. Inc., 1550 Du Grand Tronc (418) 682-0841
Quebec City G1N 4A7 . . . . . Electro-Mecanik Inc., 445 Marconi (418) 683-1724
Sept-Iles G4R 1L8 . . . . . Ateliers Wood Inc., 361 Noel Ave. (418) 962-6131
Sherbrooke J1G 1E4 . . . . . Do-Mar Electrique Inc., 1136 King St. E. (819) 563-2234
St. Leonard H1P 1J7 . . . . . P.S.C. Montreal Inc., 6660 P.E. Lamarche (514) 326-0650
Vanier G1M 2K2 . . . . . Service Be-Lan, 450 Godin (418) 687-1612
Victoriaville G6P 7E6 . . . . . Baril Electrique Inc., 444 Cantin Parc Industriel (819) 752-4480

SASKATCHEWAN
Regina S4R 1J3 . . . . . Regina Power Tool Service Ltd., 1065 Winnipeg St. (306) 352-3106
Saskatoon S7K 0W1 . . . . . Ted's Power Tool Repair, 426-44th St. East (306) 934-6155

HEAVY-DUTY ELECTRIC TOOLS

HIGHEST QUALITY MATERIALS AND WORKMANSHIP

AUTHORIZED SALES: MILWAUKEE Electric Tools are sold only through Authorized Distributors with experienced personnel to assist you in selecting the proper tools for your specific requirements. You derive a real advantage in buying from your MILWAUKEE Distributor. He not only maintains well balanced inventories of tools for immediate shipment, but places at your disposal the services of his trained and experienced personnel to advise you on special product applications.

SEE "YELLOW PAGES" UNDER "TOOLS — ELECTRIC" FOR THE MILWAUKEE DISTRIBUTOR NEAREST YOU.

TESTED—LISTED: MILWAUKEE Heavy-Duty Tools bearing the monograms of Underwriters' Laboratories, Inc. or Canadian Standards Association are listed by their testing laboratories as having complied with their standards for safety. Continued compliance is assured by independent inspections by both agencies.

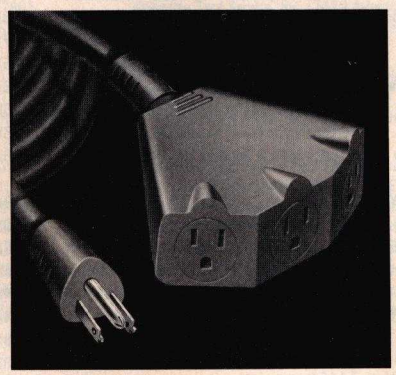
MILWAUKEE MOTORS: All MILWAUKEE motors are universal type which will run equally well on DC or AC (20 to 60 HZ) except those used on Bench Grinders, Water Pumps, Vacuum Pumps and Hoists. Tools with switches or controls requiring AC operation are indicated as "AC" or "AC Only" under the tool's specifications.

GENERAL INFORMATION: The Milwaukee Electric Tool Corporation reserves the right to make any changes in or improvements to its products without incurring any liability or obligation whatever and without being required to make any corresponding changes or improvements in products previously manufactured or sold.

INSTRUCTIONS: An operator's manual is furnished with each MILWAUKEE Electric Tool. Please read it carefully for best care and performance. IMPORTANT — Pay particular attention to all safety precautionary measures before operating any power tool.

TRIPLE TAP EXTENSION CORDS:

When an extension cord is used, it should always be a 3 wire cord to permit proper grounding of the 3 wire grounded tools. As the distance from the supply outlet increases, heavier gauge extensions are required. The use of extension cords of inadequate size wire causes a serious drop in voltage, loss of power and possible motor damage. (See chart below.)



TRIPLE TAP EXTENSION CORDS:
Extra Heavy-Duty. Three Wire, grounded.

CATALOG NUMBER	LENGTH	GAUGE
48-76-0170	50'	12
48-76-0180	100'	12
48-76-0190	2'	12

Recommended Minimum Wire Gauge for Extension Cords*

Nameplate Amperes	Extension Cord Length					
	25'	50'	75'	100'	150'	200'
0 - 5	16	16	16	14	12	12
5.1 - 8	16	16	14	12	10	—
8.1 - 12	14	14	12	10	—	—
12.1 - 15	12	12	10	10	—	—
15.1 - 20	10	10	10	—	—	—

**Based on limiting the line voltage drop to five volts at 150% of the rated amperes.*

Milwaukee 1/4" HEAVY-DUTY HOLE-SHOOTERS

TRIGGER SPEED CONTROL REVERSING

ALL BALL AND ROLLER BEARINGS
HELICAL CUT HEAT TREATED GEARS
FOR HEAVY-DUTY INDUSTRIAL/CONSTRUCTION APPLICATIONS

HEAVY-DUTY *INDUSTRIAL/ CONSTRUCTION* ELECTRONICS

0102-1
0-2500 RPM

0141-1
0-4000 RPM

- **Aluminum Gear Case and Diaphragm supplies greater support for shaft and bearings**
- **Heavy-Duty Industrial Chucks**
- **Powerful MILWAUKEE built Motor**
- **Trigger Speed Control Reversing Switches**
- **High Strength Impact Resistant Handles**

0124-1
MAGNUM
0-2000 RPM

EXCLUSIVE MAGNUM® *FEATURES:*

Exclusive Brush Cartridge System
Change brushes in less than one minute.

Quik-Lok Cord Sets.
- **Quick detachment from tool for tangle free carrying and storage.**
- **8′ standard equipment, 25′ available.**

- **POWERFUL 5.4 AMP**
- **0-2000 RPM Speed Control For Using A Full Range Of Drilling Accessories**

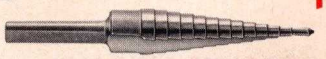
SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0102-1 REV.	1/4	120	3.5	0-2500	SINGLE	3/8″-24	48-66-0070	48-66-3200	8-3/8	3-1/2	4-1/2
0141-1 REV.	1/4	120	3.5	0-4000	SINGLE	3/8″-24	48-66-0070	48-66-3200	8-1/2	3-1/2	4-3/4
0124-1 REV.	1/4	120	5.4	0-2000	DOUBLE	1/2″-20	48-66-0104	48-66-3200	10	4	5-1/4

STANDARD EQUIPMENT: FOR 0102-1 and 0141-1—Chuck Key and Rubber Flex Key Holder.
FOR 0124-1—8′ Quik-Lok Cord, Chuck Key, Rubber Flex Key Holder and Side Handle.

NEW

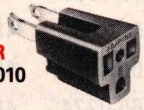
HIGH SPEED STEEL STEP DRILL BITS
SEE PAGE 33 FOR COMPLETE LISTING



MAGNUM® SIDE HANDLE
NO. 49-15-0260
For Aluminum Gear Case

TYPE "E" GREASE
For All Drills
NO. 49-08-4121
1 LB. CAN

PLUG ADAPTER
NO. 48-03-0010



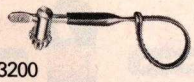
QUIK-LOK CORD SETS
8′ **NO. 48-76-4008**
25′ **NO. 48-76-4025**

STEEL CARRYING CASE
NO. 48-55-0711
For Pistol Drills and Screw-Shooters.
Overall size 13-1/2″ long, 6″ high and 8-3/4″ wide.

BELT CLIP KIT
NO. 48-67-0102

For all non-Magnum Drills. Attaches to top of drill for holding on belt or pockets.

RUBBER FLEX KEY HOLDER
NO. 48-66-4080
FOR KEY 48-66-3200



TOOL HOLSTER
NO. 49-17-0200
For Pistol Drills and Screw-Shooters

DRIVER/DRILL BIT SET
NO. 48-30-0101
Eight piece set includes a 1/4″ Socket Driver #6F-7R Slotted Bit, #1 and #2 Phillips Bit, 1/4″ and 3/16″ Twist Drill Bits and two 1/8″ Twist Drill Bits.

SCREWDRIVER BITS

Bits with 1/4″ hex shanks for driving #1, #2 and #3 Phillips screws.

SCREW SIZE	LGTH. (IN.)	CATALOG NUMBER
Phillips #1	2	48-30-1510
Phillips #2	2	48-30-1520
Phillips #2	3	48-30-1525
Phillips #3	2	48-30-1500

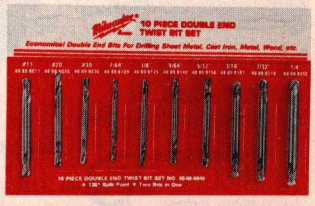
Bit and Finder 3-1/2″ long with 1/4″ hex shank for slotted head screws.

SCREW SIZE	CATALOG NUMBER
6F-8R	48-30-2600
8F-10R	48-30-2625
10F-12R	48-30-2650
12F-14R	48-30-2675
14F-16R	48-30-2700

ADDITIONAL ACCESSORIES ON PAGES 24 THRU 33

SCREWDRIVER BIT SET
NO. 48-30-0100

Includes one each of Screwdriver Bits and Bits and Finders as shown in red at left. Also includes No. 48-32-2050 1/4″ Sq. × 2″ Socket Driver. For use with all Drills.



DOUBLE END TWSIT DRILL SET
NO. 48-89-0040
135° Split Point. Set contains one each of sizes: 7/64″, 1/8″, 9/64″, 5/32″, 3/16″, 7/32″, 1/4″, No. 11, No. 20, No. 30.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY HOLE-SHOOTERS

3/8" TRIGGER SPEED CONTROL REVERSING

ALL BALL AND ROLLER BEARINGS
HELICAL CUT HEAT TREATED GEARS
FOR HEAVY-DUTY INDUSTRIAL/CONSTRUCTION APPLICATIONS

HEAVY-DUTY *INDUSTRIAL/ CONSTRUCTION* ELECTRONICS ON MODELS 0222-1 0228-1, 0230-1 AND 0224-1

0222-1
0-1000 RPM

0228-1
0-1000 RPM

0230-1
0-1700 RPM

- Aluminum Gear Case and Diaphragm supplies greater support for shaft and bearings
- Heavy-Duty Industrial Chucks
- Powerful MILWAUKEE built Motor
- Trigger Speed Control Reversing Switches
- High Strength Impact Resistant Handles

0224-1
MAGNUM
0-1200 RPM

- POWERFUL 5.4 AMP
- 0-1200 RPM Speed Control For Using A Full Range Of Drilling Accessories

EXCLUSIVE* MAGNUM® *FEATURES:

Exclusive Brush Cartridge System
Change brushes in less than one minute.

Quik-Lok Cord Sets.

- Quick detachment from tool for tangle free carrying and storage.
- 8' standard equipment, 25' available.

0375-1
CLOSE QUARTER
0-1300 RPM

- UNIQUE DESIGN—55° Angled Chuck for easy access to tight places
- LIGHTWEIGHT—Only 3-1/2 lbs
- Comfortable Grip, Efficient Paddle Switch
- HIGH IMPACT HOUSING
- DOUBLE INSULATED
- QUIET RUNNING

SPECIFICATIONS

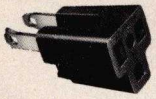
CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0222-1 REV.	3/8	120	3.5	0-1000	DOUBLE	3/8"-24	48-66-0805	48-66-3080	9-1/2	4	5
0228-1 REV.	3/8	120	3.5	0-1000	DOUBLE	3/8"-24	48-66-0795	48-66-3240	9-1/4	3-3/4	5
0230-1 REV.	3/8	120	3.5	0-1700	DOUBLE	3/8"-24	48-66-0795	48-66-3240	9-1/4	3-3/4	5
0224-1 REV.	3/8	120	5.4	0-1200	DOUBLE	1/2"-20	48-66-0224	48-66-3280	10-1/2	4-3/4	6
0375-1 REV.	3/8	120	3.5	0-1300	DOUBLE	3/8"-24	48-66-0795	48-66-3240	10	3-1/2	6

STANDARD EQUIPMENT: FOR 0222-1, 0228-1 and 0230-1—Chuck Key and Rubber Flex Key Holder.
FOR 0224-1—8' Quik-Lok Cord, Chuck Key, Rubber Flex Key Holder and Side Handle.
FOR 0375-1—Chuck Key and Rubber Flex Key Holder.

NEW

HIGH SPEED STEEL STEP DRILL BITS
SEE PAGE 33 FOR COMPLETE LISTING

SIDE HANDLE
NO. 49-15-0260
For Aluminum Gear Case



PLUG ADAPTER
NO. 48-03-0010

RUBBER FLEX KEY HOLDER
NO. 48-66-4040
FOR KEYS 48-66-3080, 48-66-3240, 48-66-3280 and 48-66-3480

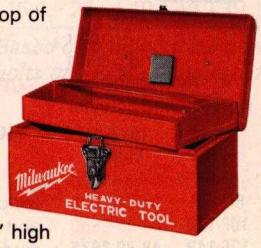
ADDITIONAL ACCESSORIES ON PAGE 13 AND PAGES 24 THRU 33

BELT CLIP KIT
NO. 48-67-0102

For All non-Magnum Drills. Attaches to top of drill for holding on belt or pockets.

TYPE "E" GREASE NO. 49-08-4121
For All Drills 1 LB. CAN

STEEL CARRYING CASE
NO. 48-55-0711
For Pistol Drills and Screw-Shooters.
Overall size 13-1/2" long, 6" high and 9-1/2" wide.



QUIK-LOK CORD SETS
8' NO. 48-76-4008
25' NO. 48-76-4025

TOOL HOLSTER
NO. 49-17-0200
For Pistol Drills and Screw-Shooters

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY HOLE-SHOOTERS

1/2" TRIGGER SPEED CONTROL REVERSING

ALL BALL AND ROLLER BEARINGS
HELICAL CUT HEAT TREATED GEARS
FOR HEAVY-DUTY INDUSTRIAL/CONSTRUCTION APPLICATIONS

HEAVY-DUTY *INDUSTRIAL/ CONSTRUCTION* ELECTRONICS ON MODELS 0238-1, 0234-1 AND 0244-1

0238-1
0-650 RPM

- Aluminum Gear Case and Diaphragm supplies greater support for shaft and bearings
- Heavy-Duty Industrial Chucks
- Powerful MILWAUKEE built Motor
- Trigger Speed Control Reversing Switches
- High Strength Impact Resistant Handles

0234-1
MAGNUM
0-850 RPM

0244-1
MAGNUM
0-600 RPM

EXCLUSIVE **MAGNUM®** *FEATURES:*

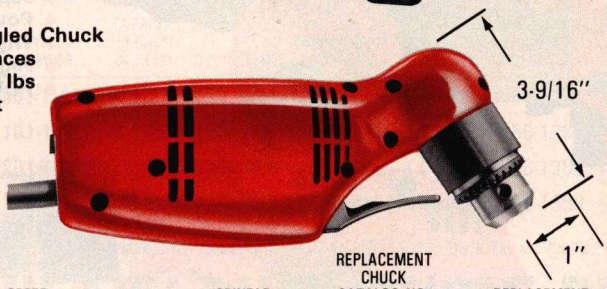
Exclusive Brush Cartridge System
Change brushes in less than one minute.

Quik-Lok Cord Sets.

- **Quick detachment from tool for tangle free carrying and storage.**
- **8' standard equipment, 25' available.**

- **POWERFUL 5.4 AMP**
- **0-850 RPM Speed Control (Model 0234-1)**
- **0-600 RPM Speed Control (Model 0244-1) For Using A Full Range Of Drilling Accessories**

- **UNIQUE DESIGN—55° Angled Chuck for easy access to tight places**
- **LIGHTWEIGHT—Only 3-1/2 lbs**
- **Comfortable Grip, Efficient Paddle Switch**
- **HIGH IMPACT HOUSING**
- **DOUBLE INSULATED**
- **QUIET RUNNING**



0379-1
CLOSE QUARTER
0-750 RPM

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0238-1 REV.	1/2	120	3.5	0-650	DOUBLE	1/2"-20	48-66-1360	48-66-3280	10	4-1/4	5-1/2
0234-1 REV.	1/2	120	5.4	0-850	DOUBLE	1/2"-20	48-66-1360	48-66-3280	10-1/2	4-3/4	6
0244-1 REV.	1/2	120	5.4	0-600	DOUBLE	1/2"-20	48-66-1360	48-66-3280	10-1/2	4-3/4	6
0379-1 REV.	1/2	120	3.5	0-750	DOUBLE	3/8"-24	48-66-2100	48-66-3480	10	3-1/2	6

STANDARD EQUIPMENT: FOR 0238-1—Chuck Key, Rubber Flex Key Holder and Side Handle.
FOR 0234-1 and 0244-1—8' Quik-Lok Cord, Chuck Key, Rubber Flex Key Holder and Side Handle.
FOR 0379-1—Chuck Key and Rubber Flex Key Holder.

HIGH SPEED STEEL STEP DRILL BITS
SEE PAGE 33 FOR COMPLETE LISTING

NEW

SCREWDRIVER BITS

Bits with 1/4" hex shanks for driving #1, #2 and #3 Phillips screws.

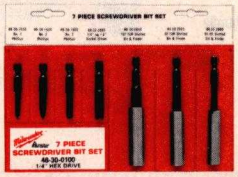
SCREW SIZE	LGTH. (IN.)	CATALOG NUMBER
Phillips #1	2	48-30-1510
Phillips #2	2	48-30-1520
Phillips #2	3	48-30-1525
Phillips #3	2	48-30-1500

Bit and Finder 3-1/2" long with 1/4" hex shank for slotted head screws.

SCREW SIZE	CATALOG NUMBER
6F-8R	48-30-2600
8F-10R	48-30-2625
10F-12R	48-30-2650
12F-14R	48-30-2675
14F-16R	48-30-2700

ADDITIONAL ACCESSORIES ON PAGES 24 THRU 33

SCREWDRIVER BIT SET
NO. 48-30-0100



Includes one each of Screwdriver Bits and Bit and Finders as shown in red at left. Also includes No. 48-32-2050 1/4" Sq. × 2" Socket Driver. For use with all Drills.

DRIVER/DRILL BIT SET
NO. 48-30-0101

Eight piece set includes a 1/4" Socket Driver #6F-7R Slotted Bit, #1 and #2 Phillips Bit, 1/4" and 3/16" Twist Drill Bits and two 1/8" Twist Drill Bits.

DOUBLE END TWIST DRILL SET
NO. 48-89-0040

135° Split Point. Set contains one each of sizes: 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", No. 11, No. 20, No. 30.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

1/2" HEAVY-DUTY HOLE-SHOOTERS with KEYLESS POWER CHUCKS

TRIGGER SPEED CONTROL REVERSING

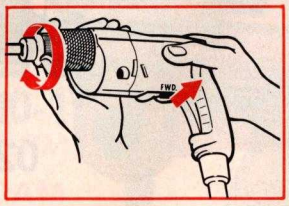
ALL BALL AND ROLLER BEARINGS HELICAL CUT HEAT TREATED GEARS
FOR HEAVY-DUTY INDUSTRIAL/CONSTRUCTION APPLICATIONS

HEAVY-DUTY INDUSTRIAL/CONSTRUCTION ELECTRONICS

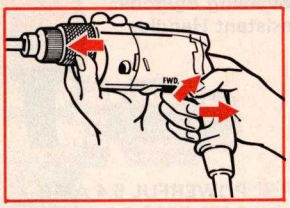
FASTEST, EASIEST Way of Changing Bits

- RATCHET MECHANISM DRIVES ALL THREE JAWS TO A BALANCED, POWERFUL GRIP

3 FAST MOTIONS FOR INSERTION/REMOVAL



1. HAND TIGHTEN CHUCK JAWS TO POSITION BIT

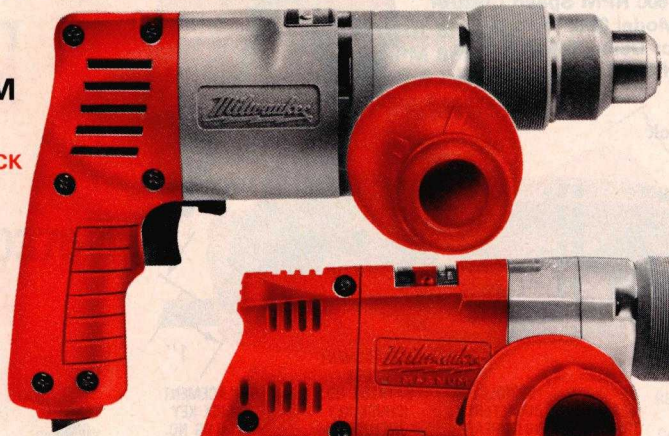


2. WITH SWITCH IN "FORWARD" POSITION, PUSH COLLAR FORWARD TO TIGHTEN JAWS

3. SAME MOTION WITH DRILL IN REVERSE RELEASES DRILL BIT

- EXCLUSIVE AND PATENTED MILWAUKEE CHUCK

0239-1
0-850 RPM
WITH KEYLESS POWER CHUCK



- Aluminum Gear Case and Diaphragm supplies greater support for shaft and bearings
- Powerful MILWAUKEE built Motor
- Trigger Speed Control Reversing Switches
- High Strength Impact Resistant Handles
- POWERFUL 5.0 AMP

0235-1
MAGNUM
0-850 RPM
WITH KEYLESS POWER CHUCK

EXCLUSIVE MAGNUM® FEATURES:
Exclusive Brush Cartridge System
Change brushes in less than one minute.

QUIK-LOK CORD SETS
- Quick detachment from tool for tangle free carrying and storage.
- POWERFUL 5.4 AMP
- 0-850 RPM Trigger Speed Control For Using A Full Range of Drilling Accessories
- 8' standard equipment, 25' available.

QUICK-LOK CORD SETS
8' NO. 48-76-4008
25' NO. 48-76-4025

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0239-1 REV.	1/2	120	5.0	0-850	DOUBLE	1/2"-20	10-1/2	4-3/4	6
0235-1 REV.	1/2	120	5.4	0-850	DOUBLE	1/2"-20	10-1/2	4-3/4	6

STANDARD EQUIPMENT: FOR 0239-1—Side Handle. FOR 0235-1—8' Quik-Lok Cord and Side Handle.

NEW

HIGH SPEED STEEL STEP DRILL BITS
SEE PAGE 33 FOR COMPLETE LISTING

SIDE HANDLE
NO. 49-15-0260
For Drill 0239-1
NO. 49-15-0150
For Drill 0235-1

BELT CLIP
NO. 48-67-0102
For Drill No. 0239-1. Attaches to top of drill for holding on belt or pockets.

STEEL CARRYING CASE
NO. 48-55-0711
For Pistol Drills and Screw-Shooters.
Overall size 13-1/2" long, 6" high and 9-1/2" wide.

TYPE "E" GREASE
For All Drills
NO. 49-08-4121
1 LB. CAN

SELECT ADDITIONAL ACCESSORIES FROM PAGE 13 AND PAGES 23 THRU 33

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY "D" HANDLE HOLE-SHOOTERS

HELICAL CUT HEAT TREATED GEARS ALL BALL AND ROLLER BEARINGS

TRIGGER SPEED CONTROL MODELS

1/2" CAPACITY 0-600 RPM and 0-500 RPM REVERSING SWITCH QUIK-LOK CORDS

- POWERFUL MILWAUKEE-BUILT MOTOR FOR MAXIMUM POWER
- DURABLE, GLASS REINFORCED NYLON HANDLES

OPTIONAL STEEL CARRYING CASE
NO. 48-55-0797
Heavy-Duty 20 gauge steel case designed to fit Drill and up to 6" bit without removal of bit for storage. Order separately.

OPTIONAL ADJUSTABLE SIDE HANDLE
NO. 49-15-0200

HEAVY-DUTY *INDUSTRIAL/ CONSTRUCTION* ELECTRONICS ON MODELS 1007-1 AND 1107-1

MILWAUKEE's exclusive Quik-Lok cord sets provide instant field replacement or substitution. To remove cord set, turn cord nut 1/4 turn to the left. Pull cord set off.

SPECIFICATIONS

TYPE "A" GREASE 1/2 LB. CAN **NO. 49-08-0500** 1 LB. CAN **NO. 49-08-0800**

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1007-1 REV.	1/2"	120	4.5	0-600	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1107-1 REV.	1/2"	120	4.5	0-500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/4	6-1/2	10

"REV." after Catalog Number indicates reversing motor. **STANDARD EQUIPMENT:** Both models—Side Handle No. 49-15-0150, Chuck Key and Rubber Flex Key Holder. 8' Quik-Lok Cord set No. 48-76-4008.

SINGLE SPEED MODELS

1/2" CAPACITY 950 to 350 RPM REVERSING SWITCH

SPECIFICATIONS

STEEL CARRYING CASE NO. 48-55-0797
OPTIONAL ADJUSTABLE SIDE HANDLE NO. 49-15-0200
TYPE "A" GREASE 1/2 LB. CAN **NO. 49-08-0500** 1 LB. CAN **NO. 49-08-0800**

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1001-1 REV.	1/2	120	4.5	600	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1101-1 REV.	1/2	120	4.5	500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1201-1 REV.	1/2	120	4.5	350	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1250-1 REV.	1/2	120	6.2	950	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/2	10

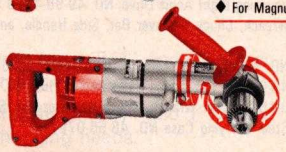
"REV." after Catalog Number indicates reversing motor.
STANDARD EQUIPMENT: All models—Side Handle No. 49-15-0150, Chuck Key and Rubber Flex Key Holder.

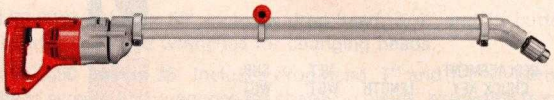
HEAVY-DUTY ANGLE DRIVE UNITS

TO CONVERT STRAIGHT DRILLS TO ANGLE DRILLS

Used extensively for drilling between joists, studding, in tight corners or in close quarters on machinery equipment. Provides two additional drilling speeds. Chuck transferred from drill to LOW spindle of right angle unit reduces drills normal speed by 1/3 and increases drilling torque by 50%. Chuck transferred to opposite spindle of right angle unit increases speed by 50%.

Head and handle swivel 360° and can be locked tight in any position.





33° ANGLE DRIVE KIT NO. 48-06-2860
FOR DRILL MODELS 1001-1 REV., 1007-1 REV., 1101-1 REV., 1107-1 REV., 1201-1 REV., 1250-1 REV.

30" EXTENSION NO. 48-95-0400
FOR DRILL MODELS 1001-1 REV., 1007-1 REV., 1101-1 REV., 1107-1 REV., 120I-I REV., 1250-I REV.

NO. 48-06-2870 For drills with non-reversing motors. Drill or chuck not included. Net Wgt. 2 lbs. Shp. Wgt. 3 lbs.

NO. 48-06-2871 For rev. drill motors. Net Wgt. 2 lbs. Shp. Wgt. 3 lbs.

WITH DRILL...USE RAD UNIT

DRILL CATALOG NO. AND TYPE	RAD UNIT CATALOG NO.	RPM DRILL ONLY	RPM WITH RAD LOW SIDE	RPM WITH RAD HIGH SIDE
0234-1 REV. MAGNUM® PISTOL DRILL♦	**48-06-2871**	0-850	0-565	0-1275
0244-1 REV. MAGNUM® PISTOL DRILL♦	**48-06-2871**	0-600	0-400	0-900

♦ For Magnum® Models, add Coupling No. 42-90-0175 for correct fit (Purchase Separately).

1001-1 REV. "D" HANDLE DRILL	**48-06-2871**	600	400	900
1007-1 REV. "D" HANDLE DRILL	**48-06-2871**	0-600	0-400	0-900
1101-1 REV. "D" HANDLE DRILL	**48-06-2871**	500	335	750
1107-1 REV. "D" HANDLE DRILL	**48-06-2871**	0-500	0-335	0-750
1201-1 REV. "D" HANDLE DRILL	**48-06-2871**	350	230	525
1250-1 REV. "D" HANDLE DRILL	**48-06-2871**	950	630	1425

"REV." after Catalog Number indicates reversing motor.

Stretches drilling reach up to 30 inches. Permits easy drilling of up to 2-9/16" dia. holes. Kit consists of an extension tube, side handle, drive shaft with hex sockets on both ends, two clamping collars and a 33° Angle Drive unit. Use 33° Angle Drive with the 30" extension only. 33° angle units operate at the same speed as the drill powering them.

30" extension available separately for use with MILWAUKEE RAD units NOS. 48-06-2870 and 48-06-2871. Unit comes complete with 30" extension tube, drive shaft with hex socket on both ends, two clamping collars, and side handle. Purchase RAD unit separately.

HEAVY-DUTY REVERSING RIGHT ANGLE DRILL KITS

ALL BALL AND ROLLER BEARINGS • HEAT TREATED GEARS

3102-1 PLUMBERS KIT
3202-1 PLUMBERS KIT
3002-1 ELECTRICIANS KIT
3107-1 VARIABLE SPEED KIT

FOR USE WITH UP TO 2-9/16" SELFEED BITS

3300-1 MAGNUM® RAD KIT
FOR USE WITH UP TO 2-1/8" SELFEED BITS

HEAVY-DUTY INDUSTRIAL/ CONSTRUCTION ELECTRONICS ON MODELS 3300-1 AND 3107-1

NOTE
With Right Angle Head removed, tool becomes a No. 0234-1 1/2" capacity straight drill.

- POWERFUL MILWAUKEE-BUILT MOTOR FOR MAXIMUM POWER
- HELICAL CUT STEEL GEARS — HARDENED SHAFTS
- DURABLE, GLASS REINFORCED NYLON HANDLES
- ALL BALL AND ROLLER BEARINGS

Head and handle swivel 360° and can be locked tight in any position.

ACCESSORIES

For Magnum Drill

STEEL CARRYING CASE
Heavy-Duty 20 gauge steel case.
CASE ONLY NO. 48-55-0200

TYPE "E" GREASE
NO. 49-08-4121
1 LB. CAN

For "D" Handle Drills

STEEL CARRYING CASE
Heavy-Duty 20 gauge steel case.
CASE ONLY NO. 48-55-0797

TYPE "A" GREASE
NO. 49-08-0500 1/2 LB. CAN
NO. 49-08-0800 1 LB. CAN

SPECIFICATIONS

RAD KIT CATALOG NO.	DRILL CATALOG NO.	RAD UNIT CATALOG NO.	RPM DRILL ONLY	RPM WITH RAD LOW SIDE	RPM WITH RAD HIGH SIDE	SHIPPING WEIGHT LBS.
NO. 3300-1 MAGNUM RIGHT ANGLE DRILL KIT						
3300-1	0234-1 REV.	48-06-2871	0-850	0-565	0-1275	14
NO. 3102-1 PLUMBERS RIGHT ANGLE DRILL KIT						
3102-1	1101-1 REV.	48-06-2871	500	335	750	21
NO. 3202-1 PLUMBERS RIGHT ANGLE DRILL KIT						
3202-1	1201-1 REV.	48-06-2871	350	230	525	21
NO. 3002-1 ELECTRICIANS RIGHT ANGLE DRILL KIT						
3002-1	1001-1 REV.	48-06-2871	600	400	900	21
NO. 3107-1 VARIABLE SPEED RIGHT ANGLE DRILL KIT						
3107-1	1107-1 REV.	48-06-2871	0-500	0-335	0-750	21

STANDARD EQUIPMENT:

NO. 3300-1 Kit contains 1/2" MAGNUM Drill NO. 0234-1, Right Angle Drive Unit, 8' Quik-Lok Cord, Side Handle with Clamp, 9/16" Open End Wrench, Knockout Pin and Steel Carrying Case.

NO. 3102-1 Kit contains NO. 1101-1, 500 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle and Steel Carrying Case NO. 48-55-0797.

NO. 3202-1 Kit contains NO. 1201-1, 350 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle and Steel Carrying Case NO. 48-55-0797.

NO. 3002-1 Kit contains NO. 1001-1, 600 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle, and Steel Carrying Case NO. 48-55-0797.

NO. 3107-1 Kit contains NO. 1107-1, 0-500 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle, 8' Quik-Lok Cord Set NO. 48-76-4008 and Steel Carrying Case NO. 48-55-0797.

SPECIFICATIONS FOR DRILLS INCLUDED IN ABOVE KITS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0234-1 REV.	1/2	120	5.4	0-850	Dbl.	1/2"-20	48-66-1360	48-66-3280	10-1/2	4-3/4	6
1001-1 REV.	1/2	120	4.5	600	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1101-1 REV.	1/2	120	4.5	500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1107-1 REV.	1/2	120	4.5	0-500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/4	6-1/2	10
1201-1 REV.	1/2	120	4.5	350	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2

"REV." after Catalog Number indicates reversing motor.

QUIK-LOK CORD SETS
For use with models 3300-1 and 3107-1.
8' **NO. 48-76-4008**
25' **NO. 48-76-4025**

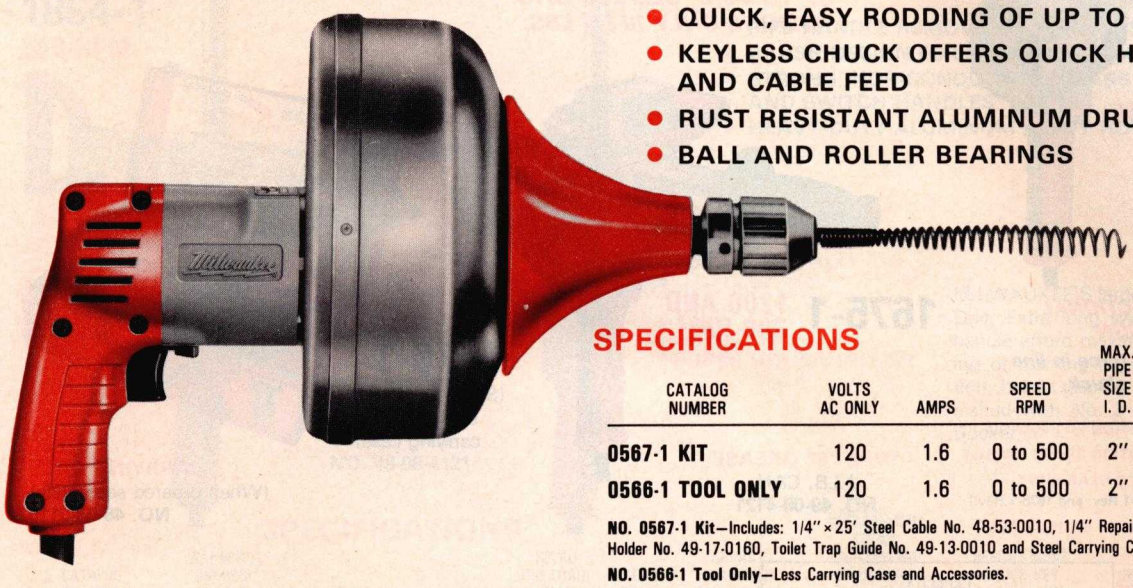
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DRAIN CLEANER

HEAVY-DUTY INDUSTRIAL/ CONSTRUCTION ELECTRONICS

HOLDS UP TO 35′ OF 3/8″ OR 50′ OF 5/16″ INNER CORE CABLE

- *TRIGGER SPEED CONTROL—REVERSING MOTOR PROTECTS CABLE FROM DAMAGE AND PERMITS OPERATION FROM 0 TO 500 RPM*



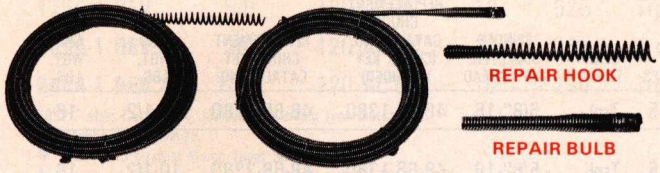
- QUICK, EASY RODDING OF UP TO 2″ WASTELINES
- KEYLESS CHUCK OFFERS QUICK HAND TIGHTENING AND CABLE FEED
- RUST RESISTANT ALUMINUM DRUM
- BALL AND ROLLER BEARINGS

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED RPM	MAX. PIPE SIZE I. D.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0567-1 KIT	120	1.6	0 to 500	2″	17	7-1/4	34
0566-1 TOOL ONLY	120	1.6	0 to 500	2″	17	7-1/4	10

NO. 0567-1 Kit—Includes: 1/4″ × 25′ Steel Cable No. 48-53-0010, 1/4″ Repair Hook No. 49-20-0020, Toilet Trap Holder No. 49-17-0160, Toilet Trap Guide No. 49-13-0010 and Steel Carrying Case. No. 48-55-6055.

NO. 0566-1 Tool Only—Less Carrying Case and Accessories.



STEEL CARRYING CASE ONLY NO. 48-55-6055

STEEL CABLE is right-hand wound cable which expands when torque is applied. Designed for feeding through crossbars, down through and around the goose neck, or traps. It eliminates removal of the trap or clean out plug.

STEEL CABLES

NO. 48-53-0015 5/16″ x 25′ Includes repair hook.
NO. 48-53-0035 5/16″ x 30′ Includes repair hook.
NO. 48-53-0010 1/4″ x 25′ Includes repair hook.
NO. 48-53-0030 1/4″ x 30′ Includes repair hook.

INNER-CORE DROP HEAD CABLE is left-hand wound cable which tightens against center core when torque is applied, making a solid shaft. Once through stoppage, tension on the cable is released, and it becomes flexible again.

INNER-CORE DROP HEAD CABLES

NO. 48-53-0020 5/16″ x 25′ Includes drop head, 3/4″ and 1″ cutter, socket head screws and wrenches for changing heads.

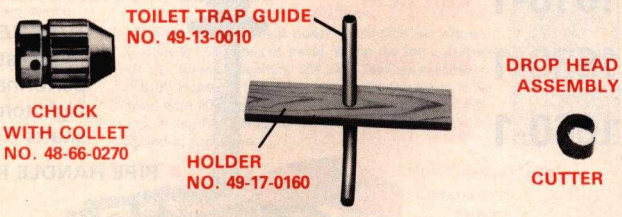
NO. 48-53-0025 5/16″ x 30′ Includes drop head, 3/4″ and 1″ cutter, socket head screws and wrenches for changing heads.

NO. 48-53-0040 5/16″ x 50′ Includes drop head, 3/4″ and 1″ cutter, socket head screws and wrenches for changing heads.

NO. 48-53-0050 3/8″ x 35′ Includes drop head, 1″ and 1-1/4″ cutter, socket head screws and wrenches for changing heads, extraction hook.

DROP HEAD PARTS KIT NO. 49-22-2500
For 5/16″ Inner-Core Cable — includes drop head set screw for drop head, socket wrench for drop head, 3/4″ cutter, 1″ cutter, set screws and socket wrench for cutters.

DROP HEAD PARTS KIT NO. 49-22-2510
For 3/8″ Inner Core Cable — includes drop head, set screw for drop head, socket wrench for drop head, 1″ and 1-1/4″ cutter, set screws and wrench for cutters, extraction hook.



REPAIR HOOK NO. 49-20-0020 for 1/4″ steel cable.
REPAIR HOOK NO. 49-20-0040 for 5/16″ steel cable.
REPAIR BULB NO. 48-50-0010 for 5/16″ inner-core drop head cable.
REPAIR BULB NO. 48-50-0020 for 3/8″ inner-core drop head cable.
DROP HEAD ASSEMBLY NO. 49-16-0010 for 5/16″ inner-core drop head cable.
DROP HEAD ASSEMBLY NO. 49-16-0020 for 3/8″ inner-core drop head cable.
CUTTER 3/4″ NO. 48-38-0050 for 5/16″ inner-core drop head cable.
CUTTER 1″ NO. 48-38-0060 for 5/16″ inner-core drop head cable.
CUTTER 1″ NO. 48-38-0070 for 3/8″ inner-core drop head cable.
CUTTER 1-1/4″ NO. 48-38-0080 for 3/8″ inner-core drop head cable.
TYPE "A" GREASE NO. 49-08-0500 1/2 LB. CAN
TYPE "A" GREASE NO. 49-08-0800 1 LB. CAN

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY HOLE-HAWG®

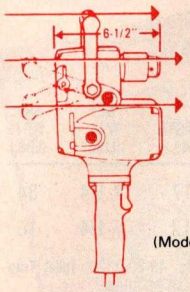
COMPACT DESIGN FOR DRILLING BETWEEN STUDS AND JOISTS

- ALL BALL AND ROLLER BEARINGS
- HEAT TREATED GEARS

1670-1 900 RPM

POWER AND TORQUE...

TRIPLE REDUCTION GEARING HANDLES UP TO 4-5/8" SELFEED BITS. WEIGHS ONLY 10-1/2 LBS.



FUNCTIONAL DESIGN

Puts force in line with chuck

2 POSITION PIPE HANDLE
3 POSITION SPADE HANDLE
2 SPEED GEAR SHIFT
(Models 1675-1 Rev. and 1676-1 Rev.)
EXTERNAL BRUSH CAPS

1675-1 1200 AND 300 RPM

TYPE "E" GREASE
1 LB. CAN
NO. 49-08-4121

1676-1
(Same as 1675-1 but with steel carrying case)

STEEL CARRYING CASE
(When ordered separately)
NO. 48-55-0110

SPECIFICATIONS

CATALOG NUMBER	SPEED	NO LOAD RPM	CAPACITY: WOOD: WITH AUGER BIT	CAPACITY: WOOD: WITH SHIP AUGER BIT	CAPACITY: WOOD: WITH SELFEED BIT	CAPACITY: STEEL	VOLTS AC ONLY	AMPS	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	NET WGT. LBS.	SHP. WGT. LBS.
1670-1 REV.	Single	900	1-1/2"	1-1/2"	2-9/16"	7/16"	120	7.5	Trpl.	5/8"-16	48-66-1380	48-66-3280	10-1/2	16
1675-1 REV.	High	1200	1-1/8"	1-1/4"	1-3/8"	5/16"	120	7.5	Trpl.	5/8"-16	48-66-1380	48-66-3280	10-1/2	16
	Low	300	1-1/2"	1-1/2"	4-5/8"	1/2"								
1676-1 REV.	Same as 1675-1 but with steel carrying case													24

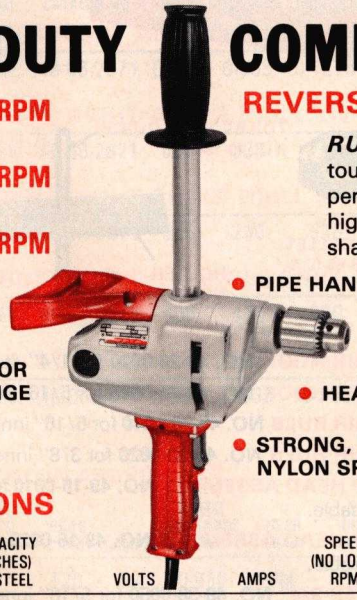
"REV." after Catalog No. indicates reversing type motor.

HEAVY-DUTY COMPACT HOLE-SHOOTERS

1610-1 650 RPM

1630-1 900 RPM

1660-1 450 RPM



REVERSING ALL BALL AND ROLLER BEARINGS

RUGGEDLY BUILT, RESERVE POWER for toughest drilling jobs. Gears are helical-cut for quiet performance, heat treated, chrome moly alloy steel for high torque transmission with minimum wear. Drive shafts run smoothly on pre-lubricated ball bearings.

- PIPE HANDLE REMOVABLE FOR CLOSE QUARTER DRILLING
- BRUSH DESIGN FOR FAST EASY CHANGE
- HEAVY-DUTY ALUMINUM ALLOY HOUSING
- STRONG, NON-CONDUCTIVE, GLASS FILLED NYLON SPADE AND SWITCH HANDLES

GREASE FOR COMPACT HOLE-SHOOTERS

TYPE "A" GREASE
1/2 LB. CAN
NO. 49-08-0500
1 LB. CAN
NO. 49-08-0800

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1610-1 REV.	1/2	120 AC ONLY	7	650	Dbl.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13
1630-1 REV.	1/2	120 AC ONLY	7	900	Dbl.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13
1660-1 REV.★	1/2	120 AC-DC	7	450	Trpl.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13

★ Available in 240 Volts AC Only. 240 Volt not available in Canada. Double Insulated. Order Catalog No. 1662-3. "REV." after Catalog No. indicates reversing type motor.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

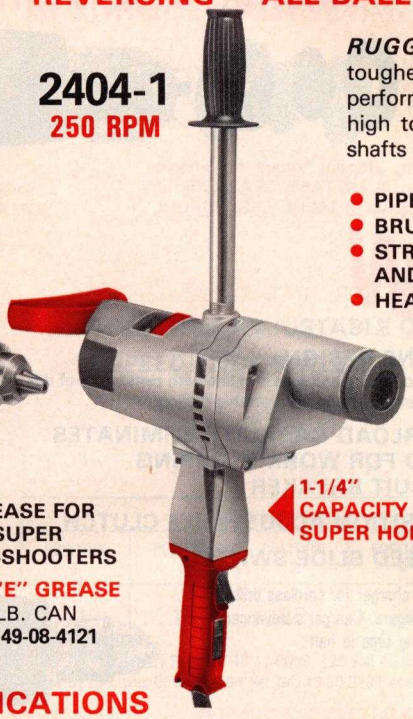
HEAVY-DUTY SUPER HOLE-SHOOTERS

REVERSING ALL BALL AND ROLLER BEARINGS

1754-1
525 RPM

1854-1
350 RPM

2404-1
250 RPM



RUGGEDLY BUILT, RESERVE POWER for toughest drilling jobs. Gears are helical-cut for quiet performance, heat treated, chrome moly alloy steel for high torque transmission with minimum wear. Drive shafts run smoothly on pre-lubricated ball bearings.

- **PIPE HANDLE REMOVABLE FOR CLOSE QUARTER DRILLING**
- **BRUSH DESIGN FOR FAST EASY CHANGE**
- **STRONG, NON-CONDUCTIVE, GLASS FILLED NYLON SPADE AND SWITCH HANDLES**
- **HEAVY-DUTY ALUMINUM ALLOY HOUSING**

GREASE FOR SUPER HOLE-SHOOTERS
TYPE "E" GREASE
1 LB. CAN
NO. 49-08-4121

1-1/4" CAPACITY SUPER HOLE-SHOOTER

MILWAUKEE'S largest and most powerful Drill. Extra long switch handle and pipe handle afford maximum leverage for drilling or reaming large holes. Triple reduction, helical gearing transmits torque. Furnished with No. 3 Internal Morse Taper Socket.

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
1754-1 REV.	5/8	120 AC-DC	10	525	Trpl.	#3 J.T.*	48-66-1680	48-66-3120	18-1/2	19	23
1854-1 REV.	3/4	120 AC-DC	10	350	Trpl.	#3 J.T.*	48-66-2085	48-66-3160	18-1/2	19	23
2404-1 REV.‡	1-1/4	120 AC-DC	10	250	Trpl.	#3 M.T.●	–	–	18-3/4	23-3/4	27-3/4

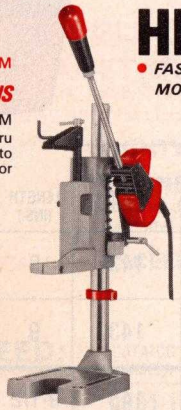
"REV." after Catalog No. indicates reversing type motor.
* Jacobs Taper Spindle.
● With No. 3 Internal Morse Taper Socket.
‡ To adapt a 3/4" capacity chuck to 2404-1 Drill with No. 3 Internal Morse Taper Socket, order accessory Chuck Kit No. 49-22-1550. Kit consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100.

IDEAL FOR ONE PIECE STEEL HAWG™ CUTTER APPLICATIONS

1/2" shank Steel Hawgs™ Cutters in sizes 11/16" thru 1-1/2". Cut holes in metal up to 1/2" thick. Ideal even for Stainless Steel. See page 42.

HEAVY-DUTY DRILL STANDS FOR PRECISION DRILL PRESS OPERATIONS

• FAST MOUNTING OR REMOVAL OF DRILLS • HEAVY-DUTY CONSTRUCTION • CAST HOLES IN BENCH BASE FOR PERMANENT MOUNTING • USE AS A PORTABLE DRILL PRESS BY USING EITHER BENCH BASE OR PIPE CLAMP BASE



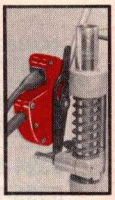
3550
BENCH BASE DRILL STAND
120 VOLTS AC
10 AMPS MAX.
MAX. LENGTH OF TRAVEL 1-5/8" OR 2-1/2"
LENGTH OF COLUMN 22"
NET WGT. 14 LBS.
SHP. WGT. 18.5 LBS.

PUSH BUTTON MOTOR CONTROL

Handy thumb push button gives operator complete "hands on" drilling control. Maintaining drilling pressure on lever and activating push button switch with one hand frees other hand for oiling during a steel drilling operation. Complete control is possible without having to reach for a separate switch.

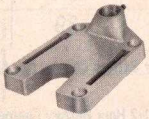
2 MANUAL FEED RATES

With the link in the back position, the slide has approximately 2-1/2 inches of travel. When the link is shifted to the forward positon, the slide has approximately 1-5/8" inches of travel, but allows the drill stand to be used with 40% less effort. This is desirable when drilling in hard materials or when many holes must be drilled in succession.



BASES

NOTE: BASES ARE INTERCHANGEABLE WITH EITHER STAND



BENCH BASE
NO. 48-10-0100
(Standard Equip. with STAND NO. 3550)

PIPE CLAMP BASE
NO. 48-10-0120
(Standard Equip. with STAND NO. 3570)

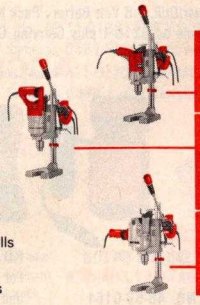
VERSATILE ACCEPTS 13 MILWAUKEE HOLE-SHOOTERS

MAGNUM®	"D" HANDLE		COMPACT
0124-1	1001-1	1007-1	1610-1
0224-1	1101-1	1107-1	1630-1
0234-1	1201-1	1250-1	1660-1
0244-1			

3570
PIPE CLAMP BASE DRILL STAND
120 VOLTS AC
10 AMPS MAX.
MAX. LENGTH OF TRAVEL 1-5/8" OR 2-1/2"
LENGTH OF COLUMN 22"
NET WGT. 18 LBS.
SHP. WGT. 22.5 LBS.

CHAIN CAN HANDLE UP TO 8" PIPE 2" MINIMUM"

RECOMMENDED DRILL CAPACITIES



	CAT. NO.	NO LOAD RPM	STEEL: STEEL HAWG™ CUTTERS (INCHES)	STEEL: TWIST DRILL (INCHES)	STEEL: HOLE SAW (INCHES)	WOOD: TWIST DRILL (INCHES)	WOOD: HOLE SAW (INCHES)	WOOD: FLAT BORING BIT (INCHES)
MAGNUM	0124-1	0-2000*	–	1/4	7/8	1/4	1-1/2	1-1/2
	0224-1	0-1200*	–	3/8	7/8	3/8	2	1-1/2
	0234-1	0-850*	1-1/8	1/2	1-3/8	1/2	3-1/4	1-1/2
	0244-1	0-600*	1-1/8	1/2	1-1/2	1/2	3-1/2	1-1/2
"D" HANDLE	1001-1	600	1-1/2	1/2	1-3/8	1/2	2-3/4	1-1/2
	1007-1	0-600*	1-1/2	1/2	1-3/8	1/2	2-3/4	1-1/2
	1101-1	500	1-1/2	1/2	1-3/4	1/2	3-7/8	1-1/2
	1107-1	0-500*	1-1/2	1/2	1-3/4	1/2	3-7/8	1-1/2
	1201-1	350	1-1/2	1/2	1-7/8	1/2	3-7/8	1-1/2
	1250-1	950	1-1/2	1/2	1-3/8	1/2	2	1-1/2
COMPACT	1610-1	650	1-1/2	1/2	2-1/4	1/2	3-1/2	1-1/2
	1630-1	900	1-1/2	1/2	1-3/4	1/2	3	1-1/2
	1660-1	450	1-1/2	1/2	2-5/8	1/2	4-1/2	1-1/2

* IN APPLICATION–VARIABLE SPEED SWITCH IS LOCKED IN FULL NO LOAD RPM

ACCESSORIES

NOTE: ALL ACCESSORIES SHOWN BELOW ARE STANDARD EQUIPMENT WITH EITHER DRILL PRESS

NO. 49-96-0060	1/8" Hex. Socket Wrench
NO. 49-96-0080	3/16" Hex. Socket Wrench
NO. 49-96-0100	1/4" Hex. Socket Wrench
NO. 23-78-0150	Tie Strap
NO. 42-04-0630	Clamp Adapter for Compact Drills
NO. 42-04-0640	Adapter Ring for Magnum and "D" Handle Drills
NO. 42-04-0650	Adapter Ring for Compact Drills

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

3/8" DRIVER/DRILLS

9.6 VOLTS HI-TORQUE PLANETARY GEAR SYSTEM* REVERSING

2 SPEED MODELS
350 AND 1000 RPM

0391-1
(INCLUDES DRIVER/DRILL, BATTERY PACK AND 1/2 HOUR SUPER CHARGER)

0392-1
(INCLUDES DRIVER/DRILL, BATTERY PACK, 1/2 HOUR SUPER CHARGER, CARRYING CASE)

* Smooth, efficient torque transmission through PLANETARY GEAR SYSTEM produces up to 143 IN./LBS. TORQUE

CONVENIENTLY LOCATED CHUCK KEY HOLDER

COMFORTABLE HAND GRIP

EXCELLENT BALANCE

VARIABLE 2 SPEED MODELS
0 THRU 350 RPM
0 THRU 1000 RPM

0394-1
(INCLUDES DRIVER/DRILL, BATTERY PACK AND 1/2 HOUR SUPER CHARGER)

0395-1
(INCLUDES DRIVER/DRILL, BATTERY PACK, 1/2 HOUR SUPER CHARGER, CARRYING CASE)

NEW

- **IN LINE DESIGN**
  Forward drilling pressure is in line with center axis of drill bit for efficient and comfortable drilling.
- **OVERLOAD CAPACITY ELIMINATES NEED FOR WORK STOPPING CIRCUIT BREAKER**
- **6 POSITION ADJUSTABLE CLUTCH**
- **2 SPEED SLIDE SWITCH**

1/2 HOUR *SUPER CHARGER*
STANDARD EQUIPMENT

MILWAUKEE designed, manufactured, charging circuitry...industry's first 1/2 hour charger for cordless drills. Charge your 9.6 volt No. 48-11-0080 Battery twice as fast as competitive chargers. Charger's advanced electronic voltage and thermal sensing circuitry protects battery, cuts full charging time in half.

NEW

BUILT-IN KEY HOLDER FOR CHUCK KEY

COMPACT DESIGN

EXCELLENT BALANCE

VARIABLE 2 SPEED MODELS
50 THRU 350 RPM
150 THRU 1000 RPM

0218-1
(INCLUDES DRIVER/DRILL, BATTERY PACK AND CHARGER)

0219-1
(INCLUDES DRIVER/DRILL, BATTERY PACK, CHARGER, CARRYING CASE AND DRIVER/DRILL BIT SET NO. 48-30-0101)

- **PLANETARY GEAR SYSTEM**
- **ELECTRIC BRAKE**
  ELECTRIC BRAKE immediately stops rotation with release of trigger swtich. Complete control for driving screws and drilling.
- **ELECTRONIC FEEDBACK SYSTEM MAINTAINS A CONSTANT SPEED UNDER VARIOUS LOADS**
- **6 POSITION ADJUSTABLE CLUTCH**
- **2 SPEED SLIDE SWITCH**

1 HOUR *FAST CHARGER*
STANDARD EQUIPMENT

SPECIFICATIONS

CATALOG NUMBER	VOLTS DC	SPEED (NO LOAD) RPM HIGH	SPEED (NO LOAD) RPM LOW	MAXIMUM TORQUE RANGE (IN.-LBS.) POSITION 1	POSITION 2	POSITION 3	POSITION 4	POSITION 5	POSITION 6	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0391-1 0392-1	9.6	1000	350	11	18	25	32	39	143	9	3-1/4	6-1/2 9
0394-1 0395-1	9.6	0-1000	0-350	11	18	25	32	39	143	9	3-1/4	6-1/2 9
0218-1 0219-1	9.6	150-1000	50-350	11	18	25	32	39	143	9-1/2	3-1/2	7-1/2 9-3/4

STANDARD EQUIPMENT: 0391-1: Two Speed 3/8" Driver/Drill, 9.6 Volt Battery Pack No. 48-11-0080, 120 Volt AC 1/2 Hour Battery Charger No. 48-59-0165, Chuck and Key No. 48-66-0817 (Key only is No. 48-66-3350). **0392-1:** Same as 0391-1 plus Carrying Case No. 48-55-0510.

0394-1: Variable-Two Speed 3/8" Driver/Drill, 9.6 Volt Battery Pack No. 48-11-0080, 120 Volt AC 1/2 Hour Battery Charger No. 48-59-0165, Chuck and Key No. 48-66-0817 (Key only is No. 48-66-3350). **0395-1:** Same as 0394-1 plus Carrying Case No. 48-55-0510.

0218-1: Variable-Two Speed 3/8" Driver/Drill, 9.6 Volt Battery Pack No. 48-11-0080, 120 Volt AC One Hour Battery Charger No. 48-59-0160, Chuck and Key No. 48-66-0818 (Key only is No. 48-66-3470). **0219-1:** Same as 0218-1 plus Carrying Case No. 48-55-0799 and Driver/Drill Bit Set No. 48-30-0101.

ACCESSORIES

BATTERY PACK
NO. 48-11-0080

1/2 HOUR SUPER CHARGER
NO. 48-59-0165

1 HOUR BATTERY CHARGER
NO. 48-59-0160

CIGARETTE LIGHTER TYPE BATTERY CHARGER
NO. 48-59-0161

NO. 48-55-0510
For Models 0391-1 and 0394-1

CARRYING CASE
Hi-impact, rustproof polyethylene. Separate compartments for extra battery pack, bit, drill storage.

NO. 48-55-0799
For Model 0218-1

HOLSTER
NO. 49-17-0245
For Models 0391-1 and 0394-1
NO. 49-17-0240
For Models 0210-1 0212-1, 0216-1 and 0218-1

DRIVER/DRILL BIT SET
NO. 48-30-0101
For use with Cordless and Electric Power Drills. The 8 piece set includes 1/4" Socket Driver, 6F-7R Slotted Bit, #1 and #2 Phillips Bit, 1/4" and 3/16" Twist Bits and two 1/8" Twist Bits.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

3/8" DRIVER/DRILLS

9.6 VOLTS HI-TORQUE PLANETARY GEAR SYSTEM* REVERSING

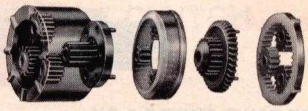
2 SPEED MODELS

350 AND 1000 RPM

0216-1
(INCLUDES DRIVER/DRILL, BATTERY PACK AND CHARGER)

0217-1
(INCLUDES DRIVER/DRILL, BATTERY PACK, CHARGER, CARRYING CASE AND, DRIVER/DRILL BIT SET NO. 48-30-0101)

1 HOUR
FAST CHARGER
STANDARD EQUIPMENT



* Smooth, efficient torque transmission through PLANETARY GEAR SYSTEM produces up to 143 IN./LBS. TORQUE

COMPACT DESIGN

BUILT-IN KEY HOLDER FOR CHUCK KEY

EXCELLENT BALANCE

- **6 POSITION ADJUSTABLE CLUTCH**
- **2 SPEED SLIDE SWITCH**

SPECIFICATIONS

CATALOG NUMBER	VOLTS DC	SPEED (NO LOAD) RPM HIGH	SPEED (NO LOAD) RPM LOW	MAXIMUM TORQUE RANGE (IN.-LBS.) POSITION 1	POSITION 2	POSITION 3	POSITION 4	POSITION 5	POSITION 6	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0216-1	9.6	1000	350	11	18	25	32	39	143	8-1/8	3-1/2	7-1/2
0217-1												9-3/4

STANDARD EQUIPMENT: 0216-1: Two speed 3/8" Driver/Drill, 9.6 Volt Battery Pack No. 48-11-0080, 120 Volt AC One Hour Battery Charger No. 48-59-0160, Chuck and Key No. 48-66-0818 (Key only is No. 48-66-3470.) **0217-1:** Same as 0216-1 plus Driver/Drill Bit Set No. 48-30-0101 and Carrying Case No. 48-55-0799.

ACCESSORIES

BATTERY PACK
NO. 48-11-0080

1/2 HOUR SUPER CHARGER
NO. 48-59-0165

1 HOUR BATTERY CHARGER
NO. 48-59-0160

CIGARETTE LIGHTER TYPE BATTERY CHARGER
NO. 48-59-0161

NO. 48-55-0799

CARRYING CASE
Hi-impact rustproof polyethylene. Separate compartments for extra battery pack, bit, drill storage.

HOLSTER
NO. 49-17-0240

DRIVER/DRILL BIT SET
NO. 48-30-0101
For use with Cordless and Electric Power Drills. The 8 piece set includes 1/4" Socket Driver, 6F-7R Slotted Bit, #1 and #2 Phillips Bit, 1/4" and 3/16" Twist Bits and two 1/8" Twist Bits.

3/8" HOLE-SHOOTERS

7.2 VOLTS SINGLE OR VARIABLE SPEED REVERSING 1 HOUR FAST CHARGE

PLANETARY GEAR SYSTEM

Smooth, efficient torque transmission through PLANETARY GEAR SYSTEM produces up to 42.4 IN./LBS. TORQUE

- **LIGHTWEIGHT • TOUGH • COMPACT**
- **IN LINE DESIGN**
  Forward drilling pressure is in line with center axis of drill bit for efficient and comfortable drilling.
- **EXCELLENT BALANCE • JACOBS CHUCK**

600 RPM:

0381-1
(INCLUDES HOLE-SHOOTER, BATTERY PACK AND 1 HOUR FAST CHARGER)

0382-1
(INCLUDES HOLE-SHOOTER, BATTERY PACK, 1 HOUR FAST CHARGER, CARRYING CASE)

VARIABLE SPEED:
0 THRU 600 RPM

0384-1
(INCLUDES HOLE-SHOOTER, BATTERY PACK AND 1 HOUR FAST CHARGER)

0385-1
(INCLUDES HOLE-SHOOTER, BATTERY PACK, 1 HOUR FAST CHARGER, CARRYING CASE)

NEW

CONVENIENTLY LOCATED CHUCK KEY HOLDER

HOLE-SHOOTER FOR: OUTSTANDING PERFORMANCE AND CONTROL

SPECIFICATIONS

CATALOG NUMBER	VOLTS DC	SPEED (NO LOAD) RPM	MAXIMUM TORQUE (IN.-LBS.)	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0381-1	7.2	600	42.4	8-3/8"	2-1/2	4-3/4
0382-1						7-1/4
0384-1	7.2	0-600	42.4	8-3/8"	2-1/2	4-3/4
0385-1						7-1/4

STANDARD EQUIPMENT:

0381-1: Single Speed 3/8" Hole-Shooter, 7.2 Volt Battery Pack No. 48-11-0130, 120 Volt AC 1 Hour Battery Charger No. 48-59-0210, Chuck and Key No. 48-66-0817 (Key only is No. 48-66-3350). **0382-1:** Same as 0381-1 plus Carrying Case No. 48-55-0520.

0384-1: Variable Speed 3/8" Hole-Shooter, 7.2 Volt Battery Pack No. 48-11-0130, 120 Volt AC 1 Hour Battery Charger No. 48-59-0210, Chuck and Key No. 48-66-0817 (Key only is No. 48-66-3350). **0385-1:** Same as 0384-1 plus Carrying Case No. 48-55-0520.

ACCESSORIES

BATTERY PACK
NO. 48-11-0130

1 HOUR BATTERY CHARGER
NO. 48-59-0210

CARRYING CASE
NO. 48-55-0520
Hi-impact rustproof polyethylene. Separate compartments for extra battery pack, bit, drill storage

HOLSTER
NO. 49-17-0242

DRIVER/DRILL BIT SET
NO. 48-30-0101
For use with Cordless and Electric Power Drills. The 8 piece set includes 1/4" Socket Driver, 6F-7R Slotted Bit, #1 and #2 Phillips Bit, 1/4" and 3/16" Twist Bits and two 1/8" Twist Bits.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

3/8" DRIVER/DRILL

7.2 VOLTS VARIABLE SPEED REVERSING 1 HOUR FAST CHARGE

0214-1 *(INCLUDES DRIVER/DRILL, BATTERY PACK AND CHARGER)*

- 6 POSITION ADJUSTABLE CLUTCH
- SCREWDRIVER BIT AND CHUCK KEY HOLDER LOCATED IN BOTTOM OF HANDLE
- *ELECTRONIC FEEDBACK SYSTEM MAINTAINS A CONSTANT SPEED UNDER VARIOUS LOADS*

SPECIFICATIONS

CATALOG NUMBER	VOLTS DC	SPEED (NO LOAD) RPM HIGH	SPEED (NO LOAD) RPM LOW	MAXIMUM TORQUE RANGE (IN.-LBS.) POSITION 1	POSITION 2	POSITION 3	POSITION 4	POSITION 5	POSITION 6	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0214-1	7.2	600	100	4.3	8.6	13.0	17.3	21.6	42.8	12-1/4	2-1/4	5-1/2

STANDARD EQUIPMENT: 0214-1: Driver/Drill, 7.2 Volt Battery Pack No. 48-11-0120, 120 Volt AC One Hour Battery Charger No. 48-59-0200, One Phillips Bit No. 48-32-1060, One Slotted Bit No. 48-32-0420 and Chuck and Key No. 48-66-0817. (Key only is No. 48-66-3350.)

ACCESSORIES

BATTERY
NO. 48-11-0120

BATTERY CHARGER
NO. 48-59-0200

CIGARETTE LIGHTER TYPE BATTERY CHARGER
NO. 48-59-0201

CARRYING CASE
NO. 48-55-0793

HOLSTER
NO. 49-17-0255

DRIVER/DRILL BIT SET
NO. 48-30-0101
For use with Cordless and Electric Power Drills. The 8 piece set includes 1/4" Socket Driver, 6F-7R Slotted Bit, #1 and #2 Phillips Bit, 1/4" and 3/16" Twist Bits and two 1/8" Twist Bits.

6-1/4" CIRCULAR SAW

12 VOLTS 3400 RPM 1 HOUR FAST CHARGE

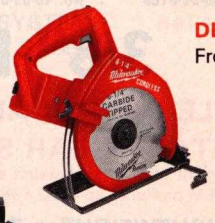
*SAW OVER 80 PIECES 2"×4"—*PER BATTERY CHARGE UNINTERRUPTED SAWING*

- SAW 50' 5/8" PARTICLE BOARD*
- SAW 70' 1/2" PLYWOOD*
- SAW 80' 1"×6" PINE*

6305 *(INCLUDES SAW, CARBIDE TIPPED SAW BLADE, BATTERY PACK, CHARGER, RIP GUIDE AND WRENCHES)*

LIGHTWEIGHT
Only 8 lbs. with battery (which is about 4 lbs. lighter than a typical 120 Volt saw).

TOUGH, HI-IMPACT HOUSING
Advanced hi-impact, polycarbonate material, structurally designed with special reinforcement at stress points will take the abuse of construction site activity.



DEPTH ADJUSTMENT
From 1/8" to 2-1/4" at 90°.

ACCURATE ANGLE ADJUSTMENT
From 45° thru 90°. Cuts through a 2×4 at 45°.

SPECIFICATIONS

CATALOG NUMBER	BLADE SIZE	VOLTS†	SPEED (NO LOAD) RPM	SAW BLADE	DEPTH ADJUSTMENT AT 90°	MITER CUTS	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6305	6-1/4"	12	3400	Carbide Tipped	1/8" to 2-1/4"	45° to 90°	8	14

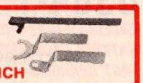
Battery Charger: 1 Hour Recharging Time with Indicator Light. **† Battery:** 12 Volt Sealed Lead Acid Construction. Battery Capacity 2.9 Ah.

STANDARD EQUIPMENT

BATTERY CHARGER
NO. 48-59-0190
Fast one hour recharging time with indicator light. 120 Volt. Measures 10"×2-1/2"×3-5/8".

BATTERY
NO. 48-11-0110
120 Volt (Sealed Lead Acid Construction). Powerful, extra long life (200 + charging cycles). Capacity 2.9 Ah. Measures 4"×2"×3-1/4".

6-1/4" CIRCLE SAW BLADE
Specially designed for use with MILWAUKEE Cordless 6-1/4" Circular Saw. Unique "thin line" design for fast efficient sawing. Carbide tipped for longer life.



RIP GUIDE
NO. 49-02-0110
SPANNER WRENCH
NO. 49-96-7620
1/2" HEX BLADE WRENCH
NO. 49-96-0340

ACCESSORIES

6-1/4" CARBIDE TIPPED CIRCLE SAW BLADES...Specially designed for use with MILWAUKEE Cordless 6-1/4" Circular Saw. Unique "thin line" design for fast efficient sawing. Carbide tipped for longer life.

***NOTE:* USE ONLY THESE SPECIAL MILWAUKEE BLADES WITH THIS SAW. SUBSTITUTES MAY CAUSE INJURY OR DAMAGE TO THE TOOL.**

WOOD CUTTING SMOOTH FINISH 30 TOOTH
NO. 48-40-3601

METAL CUTTING 50 TOOTH
NO. 48-40-3605

STEEL CARRYING CASE
NO. 48-55-1140

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

SCREWDRIVERS

REVERSING 2.4 VOLTS 1 HOUR FAST CHARGE

- **6 POSITION ADJUSTABLE CLUTCH**
- **FORWARD/REVERSE BUTTON WITH SWITCH LOCK FEATURE**

- **ADJUSTABLE 2 POSITON HANDLE**

SINGLE SPEED MODELS

190 RPM

6538-1 *(INCLUDES SCREWDRIVER, LESS BATTERY PACK AND CHARGER)*

6539-1 *(INCLUDES SCREWDRIVER, BATTERY PACK AND CHARGER)*

6540-1 *(INCLUDES SCREWDRIVER, BATTERY PACK, CHARGER, CHUCK ATTACHMENT, DRIVER/DRILL BIT SET NO. 48-30-0101, CARRYING CASE)*

CARRYING CASE
NO. 48-55-0798

Hi-impact, rustproof polyethylene. Separate compartments for extra battery pack, bit, drill storage.

2 SPEED MODEL

HIGH 400 RPM LOW 200 RPM

2 SPEED SELECTOR SWITCH

6546-1 *2 SPEED: HIGH 400 RPM LOW 200 RPM (INCLUDES SCREWDRIVER, BATTERY PACK AND CHARGER)*

SPECIFICATIONS

CATALOG NUMBER	VOLTS DC	SPEED (NO LOAD) RPM	DIAMETER (INS.)	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6538-1 REV.*	2.4	190	1.4	9		.70
6539-1 REV.	2.4	190	1.4	9	.875	2.75
6540-1 REV.	2.4	190	1.4	9		4.9
6546-1 REV.	2.4	400/200	1.4	9-3/8	.875	2.75

*Unit sold less battery pack. Specifications shown with battery.
"REV." after Cat. No. indicates reversing type motor.

MAXIMUM TORQUE SPECIFICATIONS

CATALOG NUMBER	POSITION	MAX. TORQUE IN.-LBS.
6539-1 and 6540-1	1-2	5
	3-4	12
	4-5	16
	6	22
6546-1	1-2	3.5
	3-4	10.5
	4-5	17.5
	6	22

STANDARD EQUIPMENT: **6538-1:** Screwdriver.
6539-1: Screwdriver, 2.4 Volt Battery Pack No. 48-11-0100, 120 Volt AC One Hour Battery Charger No. 48-59-0180 with 2 Phillips and One Slotted Bit.
6540-1: Same as 6539-1 plus 1/4" Chuck Attachment with Key No. 49-22-1560, Driver/Drill Bit Set No. 48-30-0101 and Carrying Case No. 48-55-0798.
6546-1: Two Speed Screwdriver, 2.4 Volt Battery Pack No. 48-11-0100, 120 Volt AC One Hour Battery Charger No. 48-59-0180 with 2 Phillips and One Slotted Bit.

ACCESSORIES

2.4 VOLT BATTERY PACK
NO. 48-11-0100

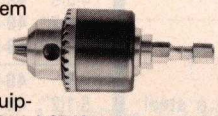
ONE HOUR – 120V BATTERY CHARGER
NO. 48-59-0180

SCREWDRIVER BITS▲
NO. 48-30-0500 Slotted
NO. 48-30-1510 #1 Phillips
NO. 48-30-1525 #2 Phillips
▲ Included in charger No. 48-59-0180

CIGARETTE LIGHTER TYPE BATTERY CHARGER
NO. 48-59-0181
For charging No. 48-11-0100 Battery Pack on standard 12V auto cigarette lighter receptacle.

SCREWDRIVER HOLSTER
NO. 49-17-0251

1/4" CHUCK ATTACHMENT WITH KEY NO. 49-22-1560
A valuable item for drilling applications. Included as Standard Equipment with Model 6540-1.



DRIVER/DRILL BIT SET
NO. 48-30-0101
For use with Cordless and Electric Power Drills. The 8 piece set includes 1/4" Socket Driver, 6F-7R Slotted Bit, #1 and #2 Phillips Bit, 1/4" and 3/16" Twist Bits and two 1/8" Twist Bits. Included as Standard Equipment with Model 6540-1.

HEAVY-DUTY BI-METAL* HOLE SAWS

3 TYPES: ALL SHATTER RESISTANT

MILWAUKEE Holes Saws provide an economical means of extending the useful range of portable drills, drill presses and lathes. High speed cutting edges welded to steel bodies produce clean, accurate holes. Shatter-resistant construction makes them safe to use and provides an extra margin of durability.

CARBIDE-TIPPED

MILWAUKEE carbide-tipped Hole Saws provide longer life and faster cutting. Not recommended for metal.

- CUTS CERAMIC TILE
- FLAKEBOARD
- FIBERBOARD
- FIBERGLASS
- WOOD

CUT TO 1-1/4" DEPTH

HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE EN-TRANCE SIZE	FOR COPPER PIPE SIZE (I.D.)
5/8"	49-56-0623			1/4"
3/4"	49-56-0753	49-56-6950	3/8"	1/2"
7/8"	49-56-0873	49-56-6960	1/2"	5/8"
1"	49-56-1003	49-56-7000		3/4"
1-1/8"	49-56-1123		3/4"	3/4"
1-1/4"	49-56-1253			1"
1-3/8"	49-56-1373		1"	
1-1/2"	49-56-1503			1-1/4"
1-5/8"	49-56-1623	49-56 6970		
1-3/4"	49-56-1753		1-1/4"	1-1/2"
1-7/8"	49-56-1873			
2"	49-56-2003		1-1/2"	
2-1/8"	49-56-2123			
2-1/4"	49-56-2253			2"
2-3/8"	49-56-2373			
2-1/2"	49-56-2503	49-56-7055	2"	2"
2-5/8"	49-56-2623	49-56-7130		
2-3/4"	49-56-2753	49-56-7140		
2-7/8"	49-56-2873			
3"	49-56-3003		2-1/2"	2-1/2"
3-1/4"	49-56-3253			
3-1/2"	49-56-3503			
3-3/4"	49-56-3753			
4"	49-56-4003			
4-1/4"	49-56-4253		3-1/2"	4"
4-1/2"	49-56-4503		4"	4"
5"	49-56-5003			
6"	49-56-6003			

SEE PAGE 25 FOR ARBORS, ORDER ARBORS SEPARATELY

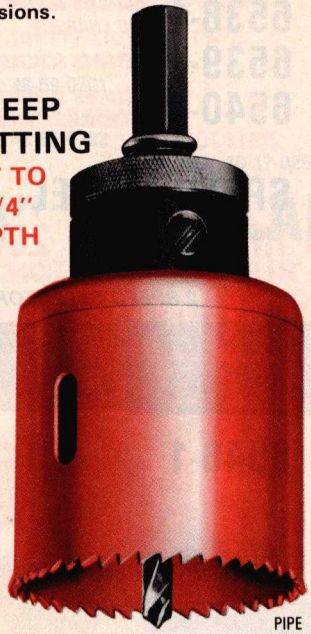
DEEP CUTTING AND STANDARD

BI-METAL CONSTRUCTION*

MILWAUKEE high speed steel Hole Saws are high production tools designed for cutting all machineable materials, including steel, aluminum, copper, brass, sheet metal, stainless steel, wood or plastics. Available in deep cutting and standard depth versions.

DEEP CUTTING

CUT TO 1-3/4" DEPTH



HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE EN-TRANCE SIZE	FOR COPPER PIPE SIZE (I.D.)
7/8"	49-56 0871	49-56-6950	1/2"	5/8"
1"	49-56-1001	49-56-6960		3/4"
1-1/8"	49-56-1121	49-56-7000	3/4"	3/4"
1-1/4"	49-56-1251			1"
1-3/8"	49-56-1371		1"	
1-1/2"	49-56-1501	49-56-6970		1-1/4"
1-3/4"	49-56-1751		1-1/4"	1-1/2"
2"	49-56-2001	49-56-7055	1-1/2"	
2-1/4"	49-56-2251	49-56-7130		2"
2-1/2"	49-56-2501	49-56-7140	2"	2"
3"	49-56-3001		2-1/2"	2-1/2"
3-3/8"	49-56-3371			3"
4-1/4"	49-56-4251			4"

SEE PAGE 25 FOR ARBORS, ORDER ARBORS SEPARATELY

*** BI-METAL CONSTRUCTION**

High speed steel teeth welded to a steel body will cut faster, last many times longer than ordinary steel hole saws.

STANDARD CUT TO 1-1/4" DEPTH

BI-METAL CONSTRUCTION*

HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE TAP	PIPE SIZES PIPE EN-TRANCE	FOR COPPER PIPE SIZE (I.D.)
9/16"	49-56-0560				1/8"
5/8"	49-56-0620				1/4"
11/16"	49-56-0680				3/8"
3/4"	49-56-0750			3/8"	1/2"
13/16"	49-56-0810	49-56-6950			1/2"
7/8"	49-56-0870	49-56-6960	3/4"	1/2"	5/8"
15/16"	49-56-0930	49-56-7000			
1"	49-56-1000				3/4"
1-1/16"	49-56-1060				
1-1/8"	49-56-1120		1"	3/4"	3/4"
1-3/16"	49-56-1180				
1-1/4"	49-56-1250				1"
1-5/16"	49-56-1310				
1-3/8"	49-56-1370			1"	
1-7/16"	49-56-1430				
1-1/2"	49-56-1500		1-1/4"		1-1/4"
1-9/16"	49-56-1560	49-56-6970			
1-5/8"	49-56-1620				
1-11/16"	49-56-1680				
1-3/4"	49-56-1750		1-1/2"	1-1/4"	1-1/2"
1-13/16"	49-56-1810				
1-7/8"	49-56-1870				
2"	49-56-2000			1-1/2"	
2-1/16"	49-56-2060				
2-1/8"	49-56-2120				
2-1/4"	49-56-2250		2"		2"
2-5/16"	49-56-2310				
2-3/8"	49-56-2370				
2-1/2"	49-56-2500			2"	2"
2-9/16"	49-56-2560	49-56-7055			
2-5/8"	49-56-2620	49-56-7130	2-1/2"		
2-3/4"	49-56-2750	49-56-7140			
2-7/8"	49-56-2870				
3"	49-56-3000			2-1/2"	2-1/2"
3-1/8"	49-56-3120				
3-1/4"	49-56-3250		3"		
3-3/8"	49-56-3370				
3-1/2"	49-56-3500				
3-5/8"	49-56-3620			3"	
3-3/4"	49-56-3750		3-1/2"		
3-7/8"	49-56-3870				3-1/2"
4"	49-56-4000				
4-1/8"	49-56-4120			3-1/2"	3-1/2"
4-1/4"	49-56-4250		4"	3-1/2"	4"
4-3/8"	49-56-4370				
4-1/2"	49-56-4500			4"	4"
4-3/4"	49-56-4750				
5"	49-56-5000				
5-1/2"	49-56-5500				5"
6"	49-56-6000				

SEE PAGE 25 FOR ARBORS, ORDER ARBORS SEPARATELY

SEE PAGE 26 FOR HOLE SAW KITS

HEAVY-DUTY 4/6* SUPER-TOUGH™ BI-METAL HOLE SAWS

FOR GENERAL CONSTRUCTION, PLUMBING, ELECTRICAL, MAINTENANCE

4/6 Hole Saws are offered in display packaging as well as in space-saving boxes in sizes from 9/16" to 2-1/2". Attractive see-thru plastic display packaging sells itself at point of sale. 2-9/16" to 6" are offered in boxes only.

BI-METAL CONSTRUCTION

HIGH SPEED STEEL TEETH WELDED TO A STEEL BODY

* 4/6 Teeth: A multiple tooth design with varying tooth sets and gullet depths. Deeper gullets provide more efficient chip clearance with less heat build-up. Requires lower feed pressure—ideal for the higher rpm of portable drills.

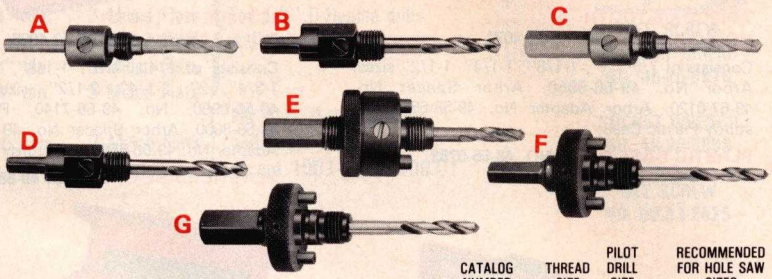
- 1-1/4" CUTTING DEPTH
- FASTER, AGGRESSIVE CUTTING
- SHATTER RESISTANT
- LESS VIBRATION
- SMOOTHER CUTS
- LONGER LIFE

HOLE DIA. SIZE	DISPLAY PACKAGING CATALOG NUMBER	BOX PACKAGING CATALOG NUMBER	USE WITH ARBOR NO.	PIPE SIZES: PIPE TAP	PIPE SIZES: PIPE EN-TRANCE	FOR COPPER PIPE SIZE (I.D.)
9/16"	49-56-0005	49-56-0006				1/8"
5/8"	49-56-0010	49-56-0011				1/4"
11/16"	49-56-0015	49-56-0016				3/8"
3/4"	49-56-0020	49-56-0021			3/8"	1/2"
13/16"	49-56-0025	49-56-0026				1/2"
7/8"	49-56-0030	49-56-0031	49-56-6950 49-56-6960 49-56-7000	3/4"	1/2"	5/8"
15/16"	49-56-0035	49-56-0036				
1"	49-56-0040	49-56-0041				3/4"
1-1/16"	49-56-0045	49-56-0046				
1-1/8"	49-56-0050	49-56-0051		1"	3/4"	3/4"
1-3/16"	49-56-0055	49-56-0056				
1-1/4"	49-56-0060	49-56-0061				1"
1-5/16"	49-56-0065	49-56-0066				
1-3/8"	49-56-0070	49-56-0071			1"	
1-7/16"	49-56-0075	49-56-0076				
1-1/2"	49-56-0080	49-56-0081		1-1/4"		1-1/4"
1-9/16"	49-56-0085	49-56-0086	49-56-6970			
1-5/8"	49-56-0090	49-56-0091				
1-11/16"	49-56-0095	49-56-0096				
1-3/4"	49-56-0100	49-56-0101		1-1/2"	1-1/4"	1-1/2"
1-13/16"	49-56-0105	49-56-0106				
1-7/8"	49-56-0110	49-56-0111				
2"	49-56-0115	49-56-0116			1-1/2"	
2-1/16"	49-56-0120	49-56-0121				
2-1/8"	49-56-0125	49-56-0126				
2-1/4"	49-56-0130	49-56-0131		2"		2"
2-5/16"	49-56-0135	49-56-0136				
2-3/8"	49-56-0140	49-56-0141				
2-1/2"	49-56-0145	49-56-0146			2"	2"
2-9/16"		49-56-0150	49-56-7055 49-56-7130 49-56-7140			
2-5/8"		49-56-0155		2-1/2"		
2-3/4"		49-56-0160				
2-7/8"		49-56-0165				
3"		49-56-0170			2-1/2"	2-1/2"
3-1/8"		49-56-0175				
3-1/4"		49-56-0180		3"		
3-3/8"		49-56-0185				
3-1/2"		49-56-0190				
3-5/8"		49-56-0195			3"	
3-3/4"		49-56-0200		3-1/2"		
3-7/8"		49-56-0205				3-1/2"
4"		49-56-0210				
4-1/8"		49-56-0215			3-1/2"	3-1/2"
4-1/4"		49-56-0220		4"	3-1/2"	4"
4-3/8"		49-56-0225				
4-1/2"		49-56-0230			4"	4"
4-3/4"		49-56-0235				
5"		49-56-0240				
5-1/2"		49-56-0245				5"
6"		49-56-0250				

THREAD SIZE: Sizes 9/16" thru 1-3/16" is 1/2-20. Sizes 1-1/4" thru 6" is 5/8-18.

ARBORS PILOT DRILLS EXTENSIONS

ARBORS AND HOLE SAWS ARE INTERCHANGEABLE WITH MOST OTHER BRANDS



		CATALOG NUMBER	THREAD SIZE	PILOT DRILL SIZE	RECOMMENDED FOR HOLE SAW SIZES
A	***1/4" ROUND SHANK*** Drill chucks onto pilot drill. For small hole saws in lightweight materials and wood. *	**49-56-6950**	1/2"-20	1/4"	9/16" thru 1-3/16"
B	***1/4" SHANK WITH 3 FLATS*** Three milled flats prevent slipping in chuck. For small hole saws in medium weight materials and wood.	**49-56-6960**	1/2"-20	1/4"	9/16" thru 1-3/16"
C	***7/16" HEX SHANK*** Hex shank prevents slipping in chuck. For use with small hole saws in 1/2" and larger drills in medium to heavy weight materials.	**49-56-7000**	1/2"-20	1/4"	9/16" thru 1-3/16"
D	***1/4" SHANK WITH 3 FLATS*** Three milled flats prevent slipping in chuck. For use with 1-1/4" to 2" hole saws in medium to heavy weight materials.	**49-56-6970**	5/8"-18	1/4"	1-1/4" thru 2"
E	***QUICK CHANGE 7/16" HEX SHANK*** Hex shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck.	**49-56-7055**	5/8"-18	1/4"	1-1/4" and larger
F	***ECONOMICAL QUICK CHANGE 7/16" HEX SHANK*** Hex shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck.	**49-56-7140**	5/8"-18	1/4"	1-1/4" and larger
G	***ECONOMICAL QUICK CHANGE 5/8" HEX SHANK*** Hex shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck.	**49-56-7130**	5/8"-18	1/4"	1-1/4" and larger

* Arbor Adapter **49-56-6560**, Arbor Spacer **49-67-0120** Available for use thru 1-1/2" Hole Saw.

PILOT DRILLS 1/4" HIGH SPEED PILOT DRILLS

(A) **NO. 49-56-8000** For use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7130, 49-56-7140. For general cutting of wood and metal.

(B) **NO. 49-56-8002** With 1/4" fluting for light gauge metals. For use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7130, 49-56-7140.

(C) **NO. 49-56-8003** For use with Hole Saw arbors 49-56-6960 and 49-56-6970. For general cutting of wood and metal.

1/4" CARBIDE-TIPPED PILOT DRILL

NO. 49-56-8005 For use with carbide-tip Hole Saws when drilling ceramic tile. Use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7130, 49-56-7140.

ONE PIECE 7/16" HEX EXTENSION SHANKS

For Hole Saws, Selfeed Bits and Auger Bits (1" dia. and larger) with 7/16" hex shank.

CATALOG NUMBER	LENGTH	REPLACEMENT SET SCREW CATALOG NO.	REPLACEMENT SOCKET WRENCH CATALOG NO.
48-28-4000	5-1/2"	06-83-2620	49-96-0060
48-28-4005	12"	06-83-2620	49-96-0060
48-28-4010	18"	06-83-2620	49-96-0060
48-28-4015	24"	06-83-2620	49-96-0060

SEE PAGE 26 FOR HOLE SAW KITS

HEAVY-DUTY HOLE SAW KITS

IDEAL CUTTING TOOLS POPULAR SIZES CONVENIENT STORAGE UNITS

1-1/4" CUTTING DEPTH

7 PIECE 4/6 TOOTH HOLE SAW KIT NO. 49-22-4071

Consists of 7/8", 1", 1-1/8", 1-1/4", 1-1/2" sizes. Arbor No. 49-56-6950, Arbor Spacer No. 49-67-0120, Arbor Adapter No. 49-56-6560 and sturdy Plastic Case.

PLASTIC CASE ONLY NO. 48-55-0782

1-1/4" CUTTING DEPTH

13 PIECE 4/6 TOOTH HOLE SAW KIT NO. 49-22-4066

Consists of 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", sizes. Arbors No. 49-56-6950, No. 49-56-7140, Pilot Drill No. 49-56-8000, Arbor Spacer No. 49-67-0120, Arbor Adapter No. 49-56-6560 and sturdy Plastic Case.

PLASTIC CASE ONLY NO. 48-55-0781

1-1/4" CUTTING DEPTH

17 PIECE 4/6 TOOTH HOLE SAW KIT NO. 49-22-4086

Consists of 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/2", 3" sizes. Arbors No. 49-56-7000, 49-56-7140, 3 Pilot Drills No. 49-56-8000 and sturdy Plastic Case.

PLASTIC CASE ONLY NO. 48-55-0784

1-1/4" CUTTING DEPTH

7 PIECE CARBIDE TIPPED HOLE SAW KIT NO. 49-22-4075

(Not for Metal Cutting)

Consists of 7/8", 1", 1-1/8", 1-1/4", 1-1/2" sizes. Arbor No. 49-56-6950, Arbor Adapter No. 49-56-6560. Arbor Spacer No. 49-67-0120 and sturdy Plastic Case.

PLASTIC CASE ONLY NO. 48-55-0783

1-3/4" CUTTING DEPTH

DEEP CUTTING HOLE SAW KIT NO. 49-22-4060

Consists of 1", 1-1/4", 1-1/2", 1-3/4", 2-1/4", 3", 3-3/8" sizes, Arbor Nos. 49-56-(7000 and 7140) and Steel Case.

STEEL CASE ONLY NO. 48-55-0760

1-1/4" CUTTING DEPTH

STANDARD HOLE SAW KIT NO. 49-22-4050

Consists of 7/8", 1-1/8", 1-1/2", 1-3/4", 2", 2-1/2" sizes. Arbor Nos. 49-56-(7000 and 7140) and Steel Case.

STEEL CASE ONLY NO. 48-55-0760

1-1/4" CUTTING DEPTH

7 PIECE HOLE SAW KIT NO. 49-22-4070

Consists of 7/8", 1", 1-1/8", 1-1/4", 1-1/2" sizes. Arbor No. 49-56-6950. Arbor Adapter No. 49-56-6560. Arbor Spacer No. 49-67-0120 and sturdy Plastic Case.

PLASTIC CASE ONLY NO. 48-55-0782

1-1/4" CUTTING DEPTH

13 PIECE HOLE SAW KIT NO. 49-22-4065

Consists of 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2" sizes. Arbor Nos. 49-56-7140, 49-56-6950, Pilot Drill No. 49-56-8000. Arbor Adapter No. 49-56-6560, Arbor Spacer 49-67-0120 and sturdy Plastic Case.

PLASTIC CASE ONLY NO. 48-55-0781

1-1/4" CUTTING DEPTH

17 PIECE HOLE SAW KIT NO. 49-22-4085

Consists of 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/2", 3" sizes. Arbors Nos. 49-56-7140, 49-56-7000. 3 of No. 49-56-8000 Pilot Drills and sturdy Plastic Case.

PLASTIC CASE ONLY NO. 48-55-0784

4/6 TOOTH HOLE SAW MERCHANDISER NO. 49-22-4200

Compact 28-1/4" high × 24" wide PLAN-A-GRAM pegboard display, mounts on your pegboard. Complete with 18 sizes of MILWAUKEE's most popular 4/6 Tooth Hole Saws. 3 Arbors, 2 Pilot Drills and one 12" Extension also included. See table at right.

CATALOG NUMBER	DESCRIPTION
49-56-0010	5/8"
49-56-0020	3/4"
49-56-0030	7/8"
49-56-0040	1"
49-56-0045	1-1/16"
49-56-0050	1-1/8"
49-56-0055	1-3/16"
49-56-0060	1-1/4"
49-56-0070	1-3/8"
49-56-0080	1-1/2"
49-56-0090	1-5/8"
49-56-0100	1-3/4"
49-56-0110	1-7/8"
49-56-0115	2"
49-56-0125	2-1/8"
49-56-0130	2-1/4"
49-56-0140	2-3/8"
49-56-0145	2-1/2"
48-28-4005	12" Extension
49-56-8000	(2) Pilot Drills
49-56-6950	1/4" Arbor
49-56-7000	7/16" Arbor
49-56-7055	7/16" Quick Change Arbor

STANDARD HOLE SAW AND ARBOR MERCHANDISER NO. 49-22-4121

Space saving wall or counter display measures only 27" high × 22" wide × 6" deep. Hole saws and accessories conveniently snap in and out. Complete with one each of 33 of the most popular Standard Depth Hole Saws, 4 Arbors and a 12" One Piece Extension.

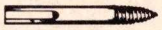
CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
49-56-0620	5/8"	49-56-1750	1-3/4"	49-56-3500	3-1/2"
49-56-0680	11/16"	49-56-1870	1-7/8"	49-56-3620	3-5/8"
49-56-0750	3/4"	49-56-2000	2"	49-56-3750	3-3/4"
49-56-0870	7/8"	49-56-2060	2-1/16"	49-56-4000	4"
49-56-0930	15/16"	49-56-2120	2-1/8"	49-56-4250	4-1/4"
49-56-1000	1"	49-56-2250	2-1/4"	49-56-6950	Arbor
49-56-1060	1-1/16"	49-56-2370	2-3/8"	49-56-7000	Arbor
49-56-1120	1-1/8"	49-56-2500	2-1/2"	49-56-7130	Arbor
49-56-1180	1-3/16"	49-56-2620	2-5/8"	49-56-7140	Arbor
49-56-1250	1-1/4"	49-56-2750	2-3/4"	48-28-4005	12" One Piece Extension Coupling
49-56-1310	1-5/16"	49-56-2870	2-7/8"		
49-56-1370	1-3/8"	49-56-3000	3"		
49-56-1500	1-1/2"	49-56-3120	3-1/8"		
49-56-1620	1-5/8"	49-56-3250	3-1/4"		

HEAVY-DUTY DRILL ACCESSORIES

SELFEED BITS • FASTER CUTTING • IMPROVED BALANCE • REDUCED RUNOUT

All sizes have removable and replaceable feed screws. Two feed screws furnished with each bit — Regular and Coarse feed screws permit selecting the right feed for the material you're drilling. Course feed screw provides fast effortless feeding even in gummy woods. Inside cutting plane shaves hole radius for clean smooth holes without pressure.

CATALOG NUMBER	DESCRIPTION	SHANK TYPE	RECOMMENDED WITH DRILL MODELS	FOR STD. PIPE SIZES
48-25-1001	1" dia.	3 Milled Flats	For 1/2" and larger drills	1/2"
48-25-1121	1-1/8" dia.	3 Milled Flats		3/4"
48-25-1251	1-1/4" dia.	3 Milled Flats		
48-25-1371	1-3/8" dia.	3 Milled Flats	For 1/2" D-Handle drills and larger drills	
48-25-1501	1-1/2" dia.	3 Milled Flats		1"
48-25-1751	1-3/4" dia.	3 Milled Flats		1"
48-25-2001	2" dia.	3 Milled Flats		1-1/2"
48-25-2121	2-1/8" dia.	3 Milled Flats		
48-25-2251	2-1/4" dia.	3 Milled Flats		
48-25-2561	2-9/16" dia.	3 Milled Flats	For 1/2" D-Handle drills and larger drills except 1001-1 and 1007-1	2"



FEED SCREW
COARSE THREAD
NO. 48-28-6870

FEED SCREW
REGULAR THREAD
NO. 48-28-6875

SOCKET WRENCH
NO. 49-96-0060

SET SCREW
NO. 06-83-2625

LARGE SELFEED BITS

Large SELFEED BITS in 3", 3-5/8" and 4-5/8" sizes have double inside cutter blades that shave hole radius for clean smooth holes without pressure. Two feed screws furnished with each bit.

CATALOG NUMBER	DESCRIPTION	SHANK TYPE	RECOMMENDED USE WITH DRILL MODELS	FOR STD. PIPE SIZES
48-25-3001	3" dia.	3 Milled Flats	1675-1, 1700-1 and larger	2-1/2"●
48-25-3621	3-5/8" dia.	3 Milled Flats	1675-1, 1700-1 and larger	3"●
48-25-4621	4-5/8" dia.	3 Milled Flats	1675-1, 1750-1 and larger	4"●
48-07-0201	Replaceable Arbor			
48-28-6880	Feed Screw			
49-96-0070	Socket Wrench			
06-83-3150	Set Screw			

●Cast Iron or Copper Pipe Size

7/16" HEX SHANK EXTENSIONS

FOR SELFEED BITS, AUGER BITS AND HOLE SAWS (1" DIA. AND LARGER) WITH 7/16" HEX SHANK.

CATALOG NUMBER	LENGTH	REPLACEMENT SET SCREW CATALOG NO.	REPLACEMENT SOCKET WRENCH CATALOG NO.
48-28-4000	5-1/2"	06-83-2620	49-96-0060
48-28-4005	12"	06-83-2620	49-96-0060
48-28-4010	18"	06-83-2620	49-96-0060
48-28-4015	24"	06-83-2620	49-96-0060

SELFEED BIT MERCHANDISER

NO. 49-22-0111

CATALOG NUMBER	SIZE	NUMBER OF BITS
48-25-1001	1"	2
48-25-1121	1-1/8"	2
48-25-1251	1-1/4"	2
48-25-1371	1-3/8"	2
48-25-1501	1-1/2"	2
48-25-1751	1-3/4"	2
48-25-2001	2"	1
48-25-2121	2-1/8"	2
48-25-2251	2-1/4"	2
48-25-2561	2-9/16"	2

- **COMPACT,** 25-1/2" x 11-1/2"
- **HANGS ON PEGBOARD** Frees counter or floor space
- **ATTENTION GETTER** Two color header
- **DISPLAYS 10 DIFFERENT BIT SIZES**

Convenient display can hang on perforated board or rest on counter tops. A sample of each bit size can be displayed for customer inspection. Large header sign and back panel provide information regarding different bits and accessories available. Holds up to 45 MILWAUKEE Selfeed Bits. Merchandiser supplied with bits in ten different sizes.

SELFEED BIT DISPLAY

NO. 49-22-0112

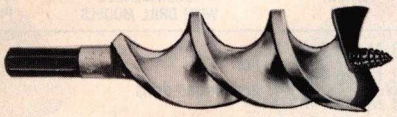
Display plus one each of Selfeed Bits listed below.

CATALOG NUMBER	SIZE
48-25-1001	1"
48-25-1121	1-1/8"
48-25-1251	1-1/4"
48-25-1371	1-3/8"
48-25-1501	1-1/2"
48-25-1751	1-3/4"
48-25-2001	2"
48-25-2121	2-1/8"
48-25-2251	2-1/4"
48-25-2561	2-9/16"

HEAVY-DUTY DRILL ACCESSORIES

WOOD BORING BITS

HEAVY-DUTY AUGER BITS

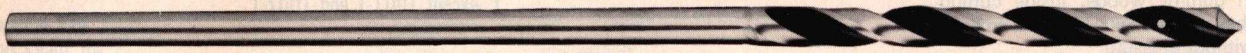


4" TWIST 6-1/2" OVERALL LENGTH

Sizes from 3/4" to 1-1/2"...All 4" twist and 6-1/2" long. 7/16" hex shanks for sure chuck grip. Precision made of special bit steel, heat treated and tempered for long life. Feed screw pilot draws bit into wood. Cutting spurs and lips stay sharp longer.

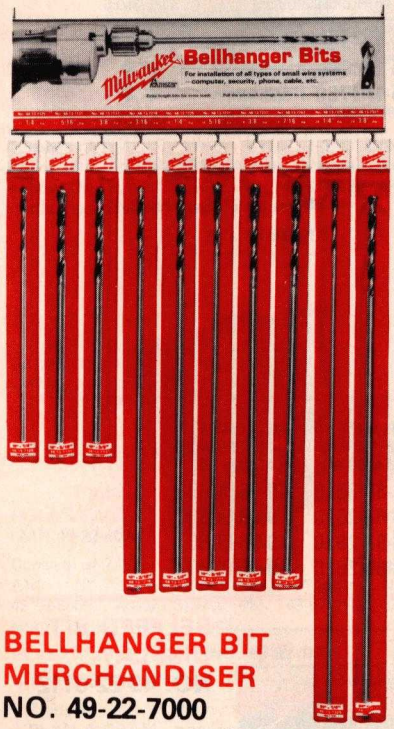
CATALOG NUMBER	DESCRIPTION	FOR STD. PIPE SIZES
48-13-0750	3/4" × 4" Twist	
48-13-0870	7/8" × 4" Twist	3/8"
48-13-1000	1" × 4" Twist	
48-13-1120	1-1/8" × 4" Twist	1/2"
48-13-1250	1-1/4" × 4" Twist	3/4"
48-13-1370	1-3/8" × 4" Twist	
48-13-1500	1-1/2" × 4" Twist	1"

HEAVY-DUTY BELLHANGER BITS



For installers of all types of small wire systems—computer, security, phone cable, etc. Extra length for extra reach. Pull the wire back through the hole by simply attaching a line or the wire to the bit.

DIAMETER	CATALOG NUMBER	OVERALL LENGTH	DIAMETER	CATALOG NUMBER	OVERALL LENGTH
1/4"	48-13-7125	12"	5/16"	48-13-7231	18"
5/16"	48-13-7131	12"	3/8"	48-13-7237	18"
3/8"	48-13-7137	12"	7/16"	48-13-7243	18"
3/16"	48-13-7218	18"	1/4"	48-13-7325	24"
1/4"	48-13-7225	18"	3/8"	48-13-7337	24"



BELLHANGER BIT MERCHANDISER
NO. 49-22-7000

Compact, attractive wall hanging or pegboard mounting merchandiser sells Bellhanger Bits to installers of all types of small wire systems. Bits are available in 3 lengths—12", 18" and 24" and 5 diameters from 3/16" to 7/16". The Bellhanger Bit Merchandiser displays all of the 10 different bit sizes offered and comes complete with 30 bits (3 each) as listed in the chart above.

PLUMBERS' BIT KIT
NO. 49-22-0065

Complete assortment of the most commonly used MILWAUKEE Bits for BIG HOLE Drilling. Sizes include 7/8", 1-1/8", 1-1/4", 1-1/2". Auger Bits and famous MILWAUKEE "Selfeed" Bits in 1-3/4", 2-1/8", 2-9/16" diameters. Also 5-1/2" one piece—shank and coupling—extension, one coarse and one regular feed screw pilot socket wrench, carrying case.

CASE ONLY PLUMBERS' KIT
NO. 48-55-0790

CONTRACTORS' BIT KIT
NO. 49-22-0130

Complete assortment of the most commonly used MILWAUKEE Selfeed Bits for BIG HOLE drilling. Sizes include 1", 1-1/8", 1-1/4", 1-1/2", 1-3/4", 2-1/8", 2-9/16" diameters. Also 5-1/2" one piece—shank and coupling—extension, two extra feed screw pilots for each bit (one coarse and one regular), three socket wrenches and carrying case.

CASE ONLY CONTRACTORS' KIT
NO. 48-55-0775

NEW

4 BIT CONTRACTORS' BIT KIT
NO. 49-22-0135

Assortment of MILWAUKEE Selfeed Bits for BIG HOLE drilling. Sizes include 1-3/8", 1-1/2", 2-1/8", 2-9/16" diameters. Also 5-1/2" one piece-shank and coupling-extension, two extra feed screw pilots for each bit (one coarse and one regular), three socket wrenches and carrying case.

CASE ONLY 4 BIT CONTRACTORS' BIT KIT
NO. 48-55-0775

CARRYING CASE FOR CONTRACTORS' AND PLUMBERS' BIT KITS IS HI-IMPACT POLYETHYLENE DOUBLE WALL CONSTRUCTION FOR FULL BIT PROTECTION (No Metal to Metal Contact!)

HEAVY-DUTY DRILL ACCESSORIES

HEAVY-DUTY ELECTRICIANS' BITS

6" TWIST **8-1/2" OVERALL LENGTH**

A fast spiral, two flute—six inch twist, self feeding bit for any tradesman needing a smooth, clean hole 5/8" to 1-1/4". 5/8"—1" diameter bits have a 5/16" hex shank and 1-1/8"—1-1/4" diameter bits have a 7/16" hex shank.

DIAMETER	CATALOG NUMBER	DIAMETER	CATALOG NUMBER
5/8"	48-13-8062	7/8"	48-13-8087
11/16"	48-13-8068	1"	48-13-8100
3/4"	48-13-8075	1-1/8"	48-13-8112
13/16"	48-13-8081	1-1/4"	48-13-8125

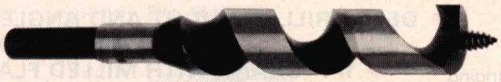
Space efficient, wall hanging or pegboard mounting merchandiser measures only 19" × 18". Electricians' Bits are all 8-1/2" long and are offered in 5/8" to 1-1/4" diameters. Merchandiser displays one each of the 8 different bit sizes offered in the chart at left.

ELECTRICIANS' BIT MERCHANDISER NO. 49-22-8000

HEAVY-DUTY SHIP AUGER BITS

3/8" SHANK **15" TWIST** **18" OVERALL LENGTH**

1/2" SHANK **15" TWIST** **18" OVERALL LENGTH**



1/2" SHANK **4" TWIST** **6" OVERALL LENGTH**

For all types of construction. Precision machined for smooth, wobble free boring. Large, wide throat design gives excellent chip clearance from deep holes. Selfeeding screw-point, with one cutting edge and side lip for fast, rough boring in wood. Hardened cutting edges require less resharpening. 3/8" shank Ship Auger bits can be used with 3/8" D-Handle drill and larger, also fits hand braces. 1/2" D-Handle drills and larger can use all 1/2" shank bits.

SHANK	DIAMETER	CATALOG NUMBER	OVERALL LENGTH
3/8"	9/16"	48-13-0561	18"
3/8"	5/8"	48-13-0621	18"
3/8"	11/16"	48-13-0681	18"
3/8"	3/4"	48-13-0751	18"
3/8"	13/16"	48-13-0811	18"
3/8"	7/8"	48-13-0871	18"
3/8"	15/16"	48-13-0931	18"
3/8"	1"	48-13-1001	18"
1/2"	11/16"	48-13-0683	6"
1/2"	3/4"	48-13-0753	6"
1/2"	13/16"	48-13-0813	6"
1/2"	7/8"	48-13-0873	6"
1/2"	15/16"	48-13-0933	6"
1/2"	1"	48-13-1003	6"
1/2"	1-1/16"	48-13-1063	6"
1/2"	1-1/8"	48-13-1123	6"
1/2"	1-1/4"	48-13-1253	6"
1/2"	1-3/8"	48-13-1373	6"
1/2"	1-1/2"	48-13-1503	6"

SHANK	DIAMETER	CATALOG NUMBER	OVERALL LENGTH
1/2"	9/16"	48-13-5560●	18"
1/2"	5/8"	48-13-5620●	18"
1/2"	11/16"	48-13-5680	18"
1/2"	3/4"	48-13-5750●	18"
1/2"	13/16"	48-13-5810●	18"
1/2"	7/8"	48-13-5870●	18"
1/2"	15/16"	48-13-5930●	18"
1/2"	1"	48-13-6000●	18"
1/2"	1-1/16"	48-13-6010	18"
1/2"	1-1/8"	48-13-6120●	18"
1/2"	1-1/4"	48-13-6250●	18"
1/2"	1-3/8"	48-13-6370	18"
1/2"	1-1/2"	48-13-6500●	18"

● One each included in merchandiser.

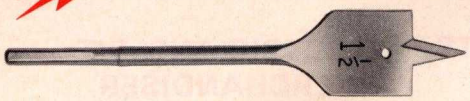
SHIP AUGER BIT MERCHANDISER NO. 49-22-7120

Space saving, wall or pegboard mounting merchandiser displays 10 vinyl sleeve packaged Ship Auger Bits from 9/16" to 1-1/2" diameters. The smooth, wobble free boring bits are all 18" long with 1/2" Shanks. Use with 1/2" D-Handle drills or larger.

HEAVY-DUTY FLAT BORING BITS

PREMIUM QUALITY—HEAT TREATED FOR STRENGTH AND HARDNESS

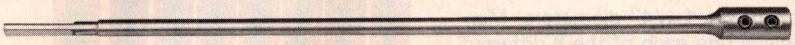
- **FLUTED BIT CLEARS CHIPS—BORES CLEANER, FASTER HOLES**
- **FURNISHED WITH HOLE FOR USE IN WIRE PULLING**



- **MILLED FLATS FOR SECURE CHUCK GRIP**
- **1/4" to 1-1/2" DIAMETERS**

Flat Boring Bits are precision made of high carbon steel for durability and long life. Bore clean holes fast at any angle in wood, plastic, plywood and formica. Drill point and cutting edges can be resharpened often.

DIAMETER	CATALOG NUMBER	SHANK DIAMETER	OVERALL LENGTH	DIAMETER	CATALOG NUMBER	SHANK DIAMETER	OVERALL LENGTH
1/4"	**48-27-0251**	3/16"	6-1/8"	13/16"	**48-27-0811**	1/4"	6-1/8"
5/16"	**48-27-0311**	3/16"	6-1/8"	7/8"	**48-27-0871**	1/4"	6-1/8"
3/8"	**48-27-0371**	1/4"	6-1/8"	15/16"	**48-27-0941**	1/4"	6-1/8"
7/16"	**48-27-0441**	1/4"	6-1/8"	1"	**48-27-1001**	1/4"	6-1/8"
1/2"	**48-27-0501**	1/4"	6-1/8"	1-1/8"	**48-27-1121**	1/4"	6-3/4"
9/16"	**48-27-0561**	1/4"	6-1/8"	1-1/4"	**48-27-1251**	1/4"	6-3/4"
5/8"	**48-27-0621**	1/4"	6-1/8"	1-3/8"	**48-27-1371**	1/4"	6-3/4"
11/16"	**48-27-0681**	1/4"	6-1/8"	1-1/2"	**48-27-1501**	1/4"	6-3/4"
3/4"	**48-27-0751**	1/4"	6-1/8"				



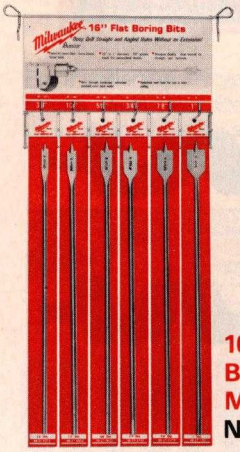
12" FLAT BORING BIT EXTENSION NO. 48-28-3350

For 1/4" Shank Flat Boring Bits

FLAT BORING BIT MERCHANDISER NO. 49-22-0082

Convenient wall hanging or for mounting on pegboard. Comes to you attractively finished and assembled. Merchandiser unit is supplied with MILWAUKEE Flat Boring Bits in the assortment listed below. Bits are packaged in durable, clear vinyl jackets.

CATALOG NUMBER	NUMBER PACKAGES	CATALOG NUMBER	NUMBER PACKAGES	CATALOG NUMBER	NUMBER PACKAGES
48-27-0251	2	48-27-0621	2	48-27-1001	2
48-27-0311	2	48-27-0681	2	48-27-1121	2
48-27-0371	2	48-27-0751	2	48-27-1251	2
48-27-0441	2	48-27-0811	2	48-27-1371	2
48-27-0501	2	48-27-0871	2	48-27-1501	2
48-27-0561	2	48-27-0941	2	49-22-0071	2



FLAT BORING BIT KIT NO. 49-22-0071

Contains 6 popular size flat boring bits in heavy protective plastic. Assortment includes 3/8", 1/2", 5/8", 3/4", 7/8" and 1" sizes in pockets for orderly storage, easy size selection.

16" FLAT BORING BIT MERCHANDISER NO. 49-22-0083

Attractive, space saving wall or pegboard hanging display measures only 10-1/4" × 23" and holds all six different varieties of 16" Flat Boring Bits. Bits are packaged in clear, vinyl sleeves, 2 each of the following Nos. 48-27-(0372, 0502, 0622, 0752, 0872, 1002).

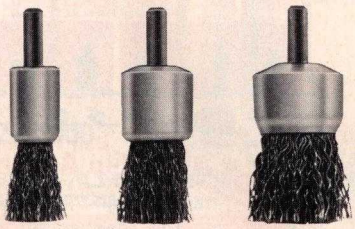
16" FLAT BORING BITS

- **DEEP DRILL STRAIGHT AND ANGLED HOLES WITHOUT AN EXTENSION**
- **3/8" to 1" DIAMETERS**
- **1/4" SHANK WITH MILLED FLATS FOR SECURE CHUCK GRIP**

DIAMETER	CATALOG NUMBER	SHANK DIAMETER	OVERALL LENGTH	DIAMETER	CATALOG NUMBER	SHANK DIAMETER	OVERALL LENGTH
3/8"	**48-27-0372**	1/4"	16"	3/4"	**48-27-0752**	1/4"	16"
1/2"	**48-27-0502**	1/4"	16"	7/8"	**48-27-0872**	1/4"	16"
5/8"	**48-27-0622**	1/4"	16"	1"	**48-27-1002**	1/4"	16"

HEAVY-DUTY WIRE BRUSHES

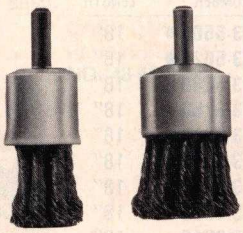
- **1/4" SHANK DIA.**
- **USE WITH PORTABLE ELECTRIC DRILLS**



STRAIGHT END CARBON WIRE—CRIMPED

FACE DIAMETER	1/2"	3/4"	1"
CATALOG NO.	**48-52-1000**	**48-52-1010**	**48-52-1020**
WIRE SIZE	.010	.014	.020
WIRE LENGTH	1"	1"	1"
MAXIMUM SAFE FREE SPEED	12,000	12,000	12,000

For I.D. pipe cleaning, removing hard carbon deposits on piston heads, cylinders, valve seats, recesses. Also for deburring and rubber flash removal.



STRAIGHT END CARBON WIRE—KNOT

3/4"	1-1/8"
48-52-1030	**48-52-1040**
.014	.014
1"	1"
19,000	19,000

For heavy burr and scale removal. Cleaning rust, castings, paint build up around studs—bolts. Remove heavy carbon in automotive use.

NEW

CUP FLARED CIRCULAR END BRUSH CARBON WIRE—CRIMPED

2-1/2"
48-52-1050
.014
9/16"
19,000

Concave shape provides efficient side cleaning—eliminates scoring of bottom in blind holes. Efficient external or internal brushing.

WIRE END BRUSH MERCHANDISER NO. 49-22-2100

Compact, plan-a-gram merchandiser measures only 12" wide × 16" high and mounts on your pegboard. Displays all 6 popular types of wire end brushes in the assortment shown below:

Diameter	Catalog Number	Number Packages
1/2"	**48-52-1000**	3
3/4"	**48-52-1010**	3
1"	**48-52-1020**	3
3/4"	**48-52-1030**	2
1-1/8"	**48-52-1040**	2
2-1/2"	**48-52-1050**	1

HIGH SPEED STEEL TWIST DRILLS

JOBBERS LENGTH TWIST DRILLS

- PRECISION GROUND FLUTES • BLACK OXIDE FINISH
- HIGH SPEED STEEL THROUGHOUT • 118° POINT FOR EASIER STARTING
- CAPABLE OF DRILLING WIDE RANGE OF MATERIALS INCLUDING CAST IRON, STEEL AND STEEL FORGINGS

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE
48-89-0062	1/16"	12
48-89-0078	5/64"	12
48-89-0093	3/32"	12
48-89-0109	7/64"	12
48-89-0125	1/8"	12
48-89-0140	9/64"	12
48-89-0156	5/32"	12
48-89-0171	11/64"	12
48-89-0187	3/16"	12
48-89-0203	13/64"	12
48-89-0218	7/32"	12
48-89-0234	15/64"	12
48-89-0250	1/4"	12
48-89-0265	17/64"	12
48-89-0281	9/32"	12
48-89-0296	19/64"	12
48-89-0312	5/16"	6
48-89-0328	21/64"	6
48-89-0343	11/32"	6
48-89-0359	23/64"	6
48-89-0375	3/8"	6
48-89-0390	25/64"	6
48-89-0406	13/32"	6
48-89-0421	27/64"	6
48-89-0437	7/16"	6
48-89-0453	29/64"	6
48-89-0468	15/32"	6
48-89-0484	31/64"	6
48-89-0500	1/2"	6

NOTE: LUBRICATE DRILL BITS WITH CUTTING OIL WHEN DRILLING IRON OR STEEL. USE A COOLANT WHEN DRILLING NON-FERROUS METALS SUCH AS COPPER, BRASS OR ALUMINUM. ALWAYS WEAR SAFETY GLASSES.

DRIVER/DRILL BIT SET

NO. 48-30-0101

For use with Cordless and Electric Power Drills. The 8 piece set includes 1/4" Socket Driver, 6F-7R Slotted Bit, #1 and #2 Phillips Bit, 1/4" and 3/16" Twist Bits and two 1/8" Twist Bits.

JOBBERS LENGTH TWIST DRILL SETS

Available in steel "organizer" cases with folding, holding trays which have permanently marked drill sizes.

13 PIECE SET

NO. 48-89-0030 has two folding, holding trays. Sizes 1/16" to 1/4" by 64ths.

Case only, **NO. 48-55-0787**

15 PIECE SET

NO. 48-89-0020 has two folding, holding trays. Sizes 1/16" to 1/2" by 32nds.

Case only, **NO. 48-55-0786**

21 PIECE SET

NO. 48-89-0015 has two folding, holding trays. Sizes 1/16" to 3/8" by 64ths.

Case only, **NO. 48-55-0788**

29 PIECE SET

NO. 48-89-0010 has three folding, holding trays. Sizes 1/16" to 1/2" by 64ths.

Case only, **NO. 48-55-0785**

22" WIDE
10-1/4" HIGH
21-3/4" DEEP

COMPLETE WITH 33 PACKAGES (306 TWIST DRILL BITS). 1 PACKAGE EACH AS LISTED IN CHART ABOVE, PLUS ADDITIONAL PACKAGE OF 1/8", 1/4", 3/8" and 1/2" BITS.

JOBBERS LENGTH TWIST DRILL MERCHANDISER

NO. 49-22-0106

- HEAVY-DUTY WOOD BASE WITH LARGE BIT STORAGE IN BACK OF DISPLAY • PROTECTIVE CLEAR ACRYLIC COVER OPENS FROM TOP DOWN FOR EASY COUNTERPERSON ACCESS
- 29 STORAGE TRAYS MARKED WITH BIT SIZES FOR CUSTOMER SELECTION • DRILL GAUGE ON FRONT PANEL

HIGH SPEED STEEL TWIST DRILLS

PRECISION GROUND FLUTES FOR ACCURATE HOLE SIZES • BLACK OXIDE FINISH

1/4" SHANK TWIST DRILLS

SOLD IN DURABLE VINYL SLEEVES

• 1/4" STRAIGHT SHANK • HIGH SPEED STEEL • DRILLS A WIDE RANGE OF MATERIALS INCLUDING SHEET METAL, CAST MALLEABLE IRON, METAL AND WOOD.

PACKED 1 BIT PER PACKAGE

CATALOG NUMBER	BIT SIZE	FLUTE LENGTH	OVERALL LENGTH
48-89-0266	17/64"	2-1/4"	3-1/2"
48-89-0282	9/32"	2-1/4"	3-9/16"
48-89-0297	19/64"	2-3/8"	3-11/16"
48-89-0313	5/16"	2-1/2"	3-13/16"
48-89-0329	21/64"	2-9/16"	3-15/16"
48-89-0344	11/32"	2-5/8"	4"

CATALOG NUMBER	BIT SIZE	FLUTE LENGTH	OVERALL LENGTH
48-89-0360	23/64"	2-3/4"	4-1/8"
48-89-0376	3/8"	2-7/8"	4-1/4"
48-89-0391	25/64"	3"	4-5/16"
48-89-0407	13/32"	3-1/8"	4-7/16"
48-89-0422	27/64"	3-1/8"	4-9/16"
48-89-0438	7/16"	3-3/8"	4-11/16"

CATALOG NUMBER	BIT SIZE	FLUTE LENGTH	OVERALL LENGTH
48-89-0454	29/64"	3-3/8"	4-3/4"
48-89-0469	15/32"	3-1/2"	4-7/8"
48-89-0485	31/64"	3-1/2"	5"
48-89-0501	1/2"	3-5/8"	5-1/16"

1/2" SHANK TWIST DRILLS
SILVER AND DEMING

SOLD IN DURABLE VINYL SLEEVES

• 1/2" STRAIGHT SHANK WITH 3 MILLED FLATS • HIGH SPEED STEEL • ALL DRILLS ARE 6" LONG WITH 3" FLUTE. RECOMMENDED FOR USE WITH DRILL PRESS ONLY.

PACKED 1 BIT PER PACKAGE

CATALOG NUMBER	SIZE
48-89-0531	17/32"
48-89-0562	9/16"
48-89-0593	19/32"
48-89-0625	5/8"
48-89-0656	21/32"
48-89-0687	11/16"
48-89-0718	23/32"
48-89-0750	3/4"

CATALOG NUMBER	SIZE
48-89-0781	25/32"
48-89-0812	13/16"
48-89-0843	27/32"
48-89-0875	7/8"
48-89-0906	29/32"
48-89-0937	15/16"
48-89-0968	31/32"
48-89-1000	1"

CATALOG NUMBER	SIZE
48-89-1031	1-1/16"
48-89-1125	1-1/8"
48-89-1187	1-3/16"
48-89-1250	1-1/4"
48-89-1312	1-5/16"
48-89-1375	1-3/8"
48-89-1437	1-7/16"
48-89-1500	1-1/2"

8 PIECE SET
SILVER AND DEMING

NO. 48-89-0035 has one folding, holding tray. Sizes 9/16" to 1" by 16ths. 1/2" straight shank with 3 milled flats recommended for use only in drill press application.

Case only, **NO. 48-55-0789**

DOUBLE END TWIST DRILL

PACKED 12 DRILLS PER PACKAGE

CATALOG NUMBER	SIZE
48-89-8109	7/64"
48-89-8125	1/8"
48-89-8140	9/64"
48-89-8156	5/32"
48-89-8187	3/16"

CATALOG NUMBER	SIZE
48-89-8218	7/32"
48-89-8250	1/4"
48-89-8011	(No. 11)
48-89-8020	(No. 20)
48-89-8030	(No. 30)

- **ECONOMICAL DOUBLE END BIT FOR DRILLING A WIDE RANGE OF MATERIALS INCLUDING SHEET METAL, CAST MALLEABLE IRON, METAL AND WOOD**
- **135° SPLIT POINT**
- **LENGTHS APPROXIMATELY 2" TO 2-3/8"**

DOUBLE END TWIST DRILL SET
NO. 48-89-0040

Contains one each of bits listed in chart at left. Vinyl Pouch with compartments

STUB LENGTH TWIST DRILLS

• SELF-CENTERING POINT "GUIDE START" • 135° SPLIT POINT PREVENTS DRILL FROM WALKING
• IDEAL FOR USE BY HEATING AND AIR CONDITIONING, AUTO BODY SHOPS AND SHEET METAL WORKERS

PACKED 12 AND 6 PER PACKAGE. SEE CHARTS BELOW.

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)
48-89-0064	1/16"	12	1-5/8
48-89-0080	5/64"	12	1-11/16
48-89-0095	3/32"	12	1-3/4
48-89-0111	7/64"	12	1-13/16
48-89-0127	1/8"	12	1-7/8
48-89-0142	9/64"	12	1-15/16
48-89-0158	5/32"	12	2-1/16
48-89-0173	11/64"	12	2-1/8
48-89-0189	3/16"	12	2-3/16
48-89-0205	13/64"	12	2-1/4

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)
48-89-0220	7/32"	12	2-3/8
48-89-0236	15/64"	12	2-7/16
48-89-0252	1/4"	12	2-1/2
48-89-0267	17/64"	12	2-5/8
48-89-0283	9/32"	12	2-11/16
48-89-0298	19/64"	12	2-3/4
48-89-0314	5/16"	6	2-13/16
48-89-0330	21/64"	6	2-15/16
48-89-0345	11/32"	6	3
48-89-0361	23/64"	6	3-1/16

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)
48-89-0377	3/8"	6	3-1/8
48-89-0392	25/64"	6	3-1/4
48-89-0408	13/32"	6	3-5/16
48-89-0423	27/64"	6	3-3/8
48-89-0439	7/16"	6	3-7/16
48-89-0455	29/64"	6	3-9/16
48-89-0470	15/32"	6	3-5/8
48-89-0486	31/64"	6	3-11/16
48-89-0502	1/2"	6	3-3/4

STUB LENGTH WIRE SIZE TWIST DRILLS

• SELF-CENTERING POINT "GUIDE START" • 135° SPLIT POINT PREVENTS DRILL FROM WALKING • IDEAL FOR MACHINE SHOP USE

PACKED 12 DRILLS PER PACKAGE

CATALOG NUMBER (PACKAGE)	WIRE GAUGE NO.	FLUTE LENGTH	OVERALL LENGTH	QUAN. PER PKG.
48-89-9001	1	1-5/16"	2-7/16"	12
48-89-9002	2	1-5/16"	2-7/16"	12
48-89-9007	7	1-3/16"	2-1/4"	12
48-89-9008	8	1-3/16"	2-1/4"	12
48-89-9010	10	1-3/16"	2-1/4"	12

CATALOG NUMBER (PACKAGE)	WIRE GAUGE NO.	FLUTE LENGTH	OVERALL LENGTH	QUAN. PER PKG.
48-89-9011	11	1-3/16"	2-1/4"	12
48-89-9014	14	1-1/8"	2-3/16"	12
48-89-9020	20	1-1/16"	2-1/8"	12
48-89-9021	21	1-1/16"	2-1/8"	12
48-89-9022	22	1-1/16"	2-1/8"	12

CATALOG NUMBER (PACKAGE)	WIRE GAUGE NO.	FLUTE LENGTH	OVERALL LENGTH	QUAN. PER PKG.
48-89-9028	28	15/16"	1-15/16"	12
48-89-9030	30	15/16"	1-15/16"	12
48-89-9040	40	13/16"	1-13/16"	12

NOTE: **LUBRICATE DRILL BITS WITH CUTTING OIL WHEN DRILLING IRON OR STEEL. USE A COOLANT WHEN DRILLING NON-FERROUS METALS SUCH AS COPPER, BRASS OR ALUMINUM. ALWAYS WEAR SAFETY GLASSES.**

HIGH SPEED STEEL STEP DRILL BITS

NEW

DRILL UP TO 13 DIFFERENT SIZE HOLES WITH A SINGLE BIT*

*MILWAUKEE Step Drill Bit No. 48-89-9100, will make 13 hole sizes from 1/8" to 1/2" dia. in 1/32" increments.

DRILL PERFECTLY ROUND HOLES IN STEEL, BRASS, COPPER, ALUMINUM, WOOD, PLEXIGLASS AND PLASTIC.

HOLE DRILLING APPLICATIONS

- Large and small knockouts
- Enlarging and deburring holes
- Clogfree, meltless PVC drilling
- Auto rustproofing and accessory installations
- Blowing-in home insulation
- Crackfree, chipfree plastic/plexiglass drilling
- Sawing/reaming composition board, soft wood and plasterboard

DOUBLE FLUTE DESIGN FEATURE

Balanced double flute design provides two cutting edges for easier, faster cutting in soft or hard material.

SPACE SAVING, DISPLAY PACKAGED FOR AN INFORMED SELECTION

SELF-STARTING MULTI-HOLE BIT
1/4" Shank

13 HOLE SIZES

Perfect all-around bit for most common drilling jobs. Three sided shank runs true, eliminating the need to overtighten drill chuck.

CATALOG NUMBER	HOLE SIZES MAXIMUM	HOLE SIZES MINIMUM	INCREMENTS	STEP THICKNESS
48-89-9100	1/2"	1/8"	1/32"	1/8"

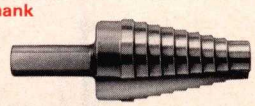
SELF-STARTING MULTI-HOLE BIT
3/8" Shank

9 HOLE SIZES

Good choice for cutting medium size holes quickly and easily.

CATALOG NUMBER	HOLE SIZES MAXIMUM	HOLE SIZES MINIMUM	INCREMENTS	STEP THICKNESS
48-89-9105	3/4"	1/4"	1/16"	1/8"

HOLE ENLARGING BIT
3/8" Shank



9 HOLE SIZES

Companion to No. 48-89-9100 Bit. Extends diameter range from 1/8" to 1", handling most of the common holes with just two bits. Requires 1/2" or larger pilot hole.

CATALOG NUMBER	HOLE SIZES MAXIMUM	HOLE SIZES MINIMUM	INCREMENTS	STEP THICKNESS
48-89-9110	1"	1/2"	1/16"	1/8"

SELF-STARTING MULTI-HOLE BIT
3/8" Shank

11 HOLE SIZES

Creates 1/2" knock-outs quickly and easily. Especially suitable for making draw bolt holes for large knock-outs and miniature pilot light holes.

CATALOG NUMBER	HOLE SIZES MAXIMUM	HOLE SIZES MINIMUM	INCREMENTS	STEP THICKNESS
48-89-9115	7/8"	1/4"	1/16"	1/16"

CARBIDE-TIP MASONRY BITS

ONE PIECE DESIGN
(1/8" THRU 7/8")

PACKAGED IN DURABLE VINYL SLEEVES

SPECIAL FEATURES

- Alloy steel shank for strength and durability
- Shallow precision machined oval flutes prevent dust packing
- Carbide-tip...the hardest metal made... brazed to alloy steel bodies

Drills masonry, brick, stone, plaster, slate. Wide, spiral flutes lift dust out of hole. Bit cuts at maximum efficiency without clogging. Produces clean, accurately sized holes fast. Carbide tip resists drilling. Bits may be resharpened on bench grinder using silicon carbide grinding wheel.

EXTRA LENGTH BIT
● (1/4" NO. 48-87-0251 and 1/2" NO. 48-87-0502)
Narrow lands and fast spiral for rapid dust removal

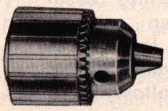
DIAMETER	CATALOG NUMBER	SHANK DIA.	OVERALL BIT LENGTH
1/8"	48-87-0120	1/8"	3"
5/32"	48-87-0150	5/32"	3"
11/64"	48-87-0170	11/64"	3"
3/16"	48-87-0180	3/16"	3"
7/32"	48-87-0210	3/16"	3"
1/4"	48-87-0250	1/4"	4"
1/4"	48-87-0251●	1/4"	12"
1/4"	48-87-0253	1/4"	6"
9/32"	48-87-0280	1/4"	4"
5/16"	48-87-0310	1/4"	4"
3/8"	48-87-0370	1/4"	4"
7/16"	48-87-0430	1/4"	6"
1/2"	48-87-0500	3/8"	6"
1/2"	48-87-0502●	3/8"	18"

● Extra length bit

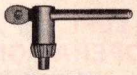
TWO PIECE DESIGN
(1" THRU 1-1/2")
Shank is 1/2" hex with 1/2"-13 thread... nut serves as bit shoulder

DIAMETER	CATALOG NUMBER	SHANK DIA.	OVERALL BIT LENGTH
9/16"	48-87-0560	3/8"	6"
5/8"	48-87-0620	1/2"	6"
11/16"	48-87-0680	1/2"	6"
3/4"	48-87-0750	1/2"	6"
7/8"	48-87-0870	1/2"	6"
1"	48-87-1000	1/2"	12"
1-1/8"	48-87-1120	1/2"	12"
1-1/4"	48-87-1250	1/2"	12"
1-1/2"	48-87-1500	1/2"	12"

INDUSTRIAL DRILL CHUCKS



INDUSTRIAL CHUCKS



CHUCK KEYS

RUBBER FLEX KEY HOLDERS

CHUCKS FOR NON-REVERSING DRILLS (Chuck Key Included)

CHUCK CATALOG NUMBER	CAPACITY	THREAD SIZE	CHUCK KEY CATALOG NUMBER	KEY HOLDER CATALOG NUMBER
48-66-0500	5/16"	3/8"-24	48-66-3240	48-66-4040
48-66-0540	5/16"	1/2"-20	48-66-3240	48-66-4040
48-66-2040	3/4"	5/8"-16	48-66-3160	48-66-4020
CHUCKS FOR REVERSING DRILLS (Chuck Key Included)				
48-66-0070	1/4"	3/8"-24	48-66-3200	48-66-4080
48-66-0104	1/4"	1/2"-20	48-66-3200	48-66-4080
48-66-0224	3/8"	1/2"-20	48-66-3280	48-66-4040
48-66-0230●	1/4"	#1 Taper	48-66-3200	48-66-4080
48-66-0240●	3/8"	#2 Taper	48-66-3080	48-66-4040
48-66-0795	3/8"	3/8"-24	48-66-3240	48-66-4040
48-66-0805	3/8"	3/8"-24	48-66-3080	48-66-4040
48-66-0817	3/8"	3/8"-24	48-66-3350	——
48-66-0818	3/8"	3/8"-24	48-66-3470	——
48-66-1360	1/2"	1/2"-20	48-66-3280	48-66-4040
48-66-1365	1/2"	1/2"-20	48-66-3280	48-66-4040
48-66-1381	1/2"	5/8"-16	48-66-3280	48-66-4040
48-66-1480	1/2"	#6 Taper	48-66-3120	48-66-4020
48-66-1680	5/8"	#3 Taper	48-66-3120	48-66-4020
48-66-2000	3/4"	#3 Taper	48-66-3160	48-66-4020
48-66-2080	1/2"	#3 Taper	48-66-3160	48-66-4020
48-66-2085	3/4"	#3 Taper	48-66-3160	48-66-4020
48-66-2100	1/2"	3/8"-24	48-66-3480	48-66-4040

● Chuck Removal Wedges required (Set of 2)
For 1/4" Drill—#1 Jacobs Taper **No. 49-91-0010**
For 3/8" Drill—#2 Jacobs Taper **No. 49-91-0020**

CHUCK KEY AND KEY HOLDERS MERCHANDISER
NO. 49-22-4866

Space-saving plan-a-gram display holds 8 types of chuck keys and 3 chuck key holders. Includes 3 of each key and key holder type. Eye-catching display features a MILWAUKEE drill and complete reorder information. Mounts on your pegboard.

CHUCK KEY PACKAGE

Front of packaging references MILWAUKEE drills to correct key and key holder. Back of packaging features a chart that references competitive chucks and a pop-out hole to ensure correct fit.

CATALOG NUMBER	NUMBER OF PACKAGES	DESCRIPTION
48-66-3200	3	1/4" Chuck with 7/32" Pilot
48-66-3080	3	3/8" Chuck with 1/4" Pilot
48-66-3350	3	3/8" Chuck with 1/4" Pilot
48-66-3470	3	3/8" Chuck with 1/4" Pilot
48-66-3240	3	3/8" Chuck with 15/64" Pilot
48-66-3280	3	3/8" and 1/2" Chuck with 1/4" Pilot
48-66-3120	3	5/8" Chuck with 5/16" Pilot
48-66-3160	3	3/4" Chuck with 3/8" Pilot
48-66-4020	3	Chuck Key Holder
48-66-4040	3	Chuck Key Holder
48-66-4080	3	Chuck Key Holder

AVAILABLE BULK NON CARDED

CATALOG NUMBER	DESCRIPTION
48-66-3201	25 Pack Keys
48-66-3081	25 Pack Keys
48-66-3241	25 Pack Keys
48-66-3281	25 Pack Keys
48-66-4081	25 Pack Holders
48-66-4041	25 Pack Holders

HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

VAC-U-RIG®

DIAMOND DRILLING RIG

4135

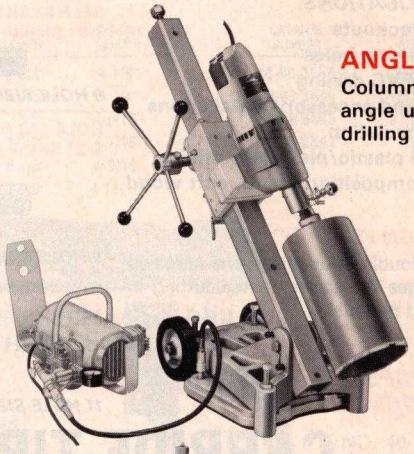
LESS DYMODRILL MOTOR and DYMOBIT (Diamond Bit)

MOTORS: See Page 37
ACCESSORIES: Page 36
DYMOBITS: Pages 38, 39

SPACER ASSEMBLY* NO. 49-67-0110

*Shown with optional spacer assembly—increases drilling capacity from 10" to 14". (Order separately)

For use with DYMODRILL motors. The No. 4135 VAC-U-RIG® consists of a No. 4130 DYMORIG, a 30 amp meter box No. 48-51-0100, and a VAC-U-RIG® attachment kit No. 49-22-7070. Includes large base with wheels and four leveling screws, adjustable tilting column, cradle for motor mounting, four spoke wheel feed control, bubble level and jack screw. The VAC-U-RIG® attachment kit supplied with No. 4135 includes one vacuum pad and a vacuum pump assembly with gauge, filter, air hose and fittings. The No. 4135 can also be used without vacuum and column will accept small base assembly No. 48-10-0080. See page 36. Net weight 126 lbs. Shipping weight 148 lbs.

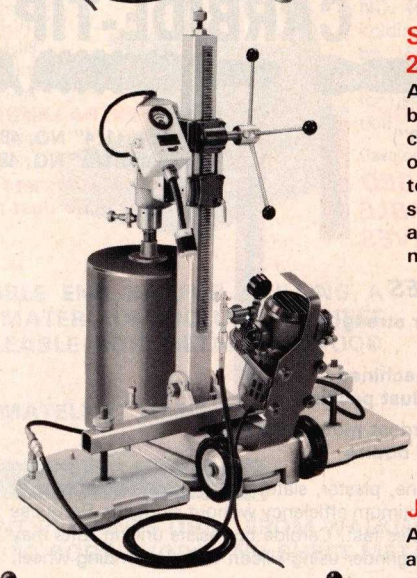


ANGLE DRILLING

Columns can be set at any angle up to 45° when angle drilling is required.

EXTRA RIGIDITY

The 3" square tubular column has 1/4" thick walls for superior strength in demanding situations.



SMOOTH CRADLE 28" TRAVEL

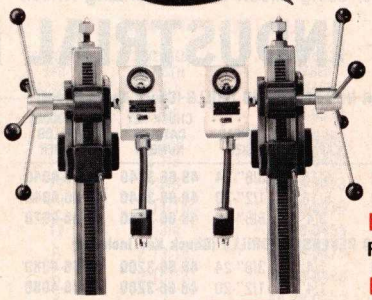
Adjustable and fixed brass gibs inside the cradle contact all sides of the cradle for proper tension. Gibs provide smooth cradle travel and precise drill alignment.

EXTRA HOLDING POWER

Up to three vacuum pads can be used with the diamond drilling rigs for extra holding power.

JACK SCREW

Adjustable jack screw at top of column provides maximum rigidity when used with telescoping assembly between ceiling and floor. Jack Screw is narrower than the column allowing quick cradle removal.



BUBBLE LEVEL

For quick, accurate leveling. Level is mounted on cradle for easy viewing.

REMOVABLE CRADLE

For easy wall mounting.

RIGHT OR LEFT HANDED OPERATION

The four spoke wheel feed control and the meter box mount on either side of the cradle for right or left-handed operation.
The meter box rotates 360°. It can be mounted facing the front or the back of the rig for clear viewing.

MILWAUKEE Diamond Drilling Equipment accessories for Models 4125, 4130 and 4135 are completely interchangeable. All these units can be used with the large or small base assemblies and with or without vacuum. See pages 35 and 36.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

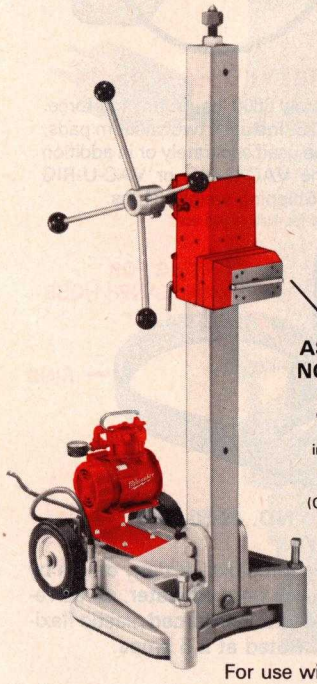
HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

VAC-U-RIG® DIAMOND DRILLING RIG
4136
(LARGE BASE)

LESS DYMODRILL MOTOR, METER BOX and DYMOBIT

RECOMMENDED ONLY FOR SINGLE PAD USE WHEN USING VACUUM PUMP NO. 49-50-0160 SUPPLIED AS STD. EQUIPMENT

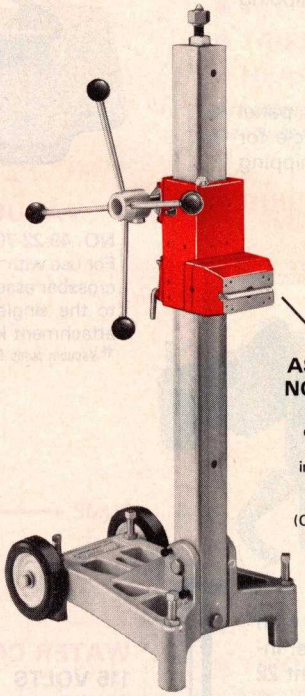


SPACER ASSEMBLY* NO. 49-67-0110
*Shown with optional spacer assembly—increases drilling capacity from 10" to 14". (Order separately)

For use with DYMO-DRILL motors. Consists of a No. 4130 DYMO-RIG and a VAC-U-RIG attachment kit No. 49-22-7075. Includes large base with wheels and four leveling screws, adjustable tilting column, cradle for motor mounting, four spoke wheel feed control, bubble level and jack screw. The No. 4136 can also be used without vacuum and column will accept small base assembly No. 48-10-0080. See page 36. Net weight 106 lbs. Shipping weight 129 lbs.

DYMO-RIG DIAMOND DRILLING RIG
4130
(LARGE BASE)

STAND ONLY



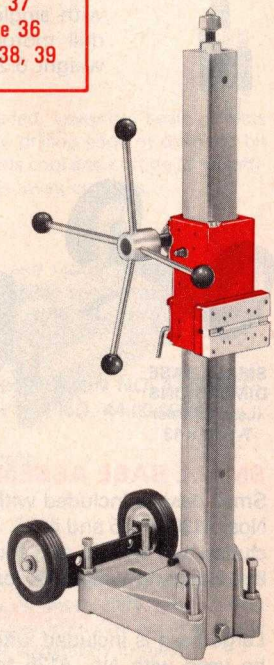
SPACER ASSEMBLY* NO. 49-67-0110
*Shown with optional spacer assembly—increases drilling capacity from 10" to 14". (Order separately)

The same as the 4135, but without the meter box and the VAC-U-RIG attachment kit. The large base can be floor or wall mounted with a bolt type anchor or braced from the ceiling with a telescoping assembly by using the jack screw. The base can be replaced with No. 48-10-0080 small base or used with a VAC-U-RIG attachment kit to convert the 4130 into 4135 VAC-U-RIG. Order meter box separately. Net weight 82.5 lbs. Shipping weight 103.5 lbs.

MOTORS: See Page 37
ACCESSORIES: Page 36
DYMOBITS: Pages 38, 39

DYMO-RIG DIAMOND DRILLING RIG
4125
(SMALL BASE)

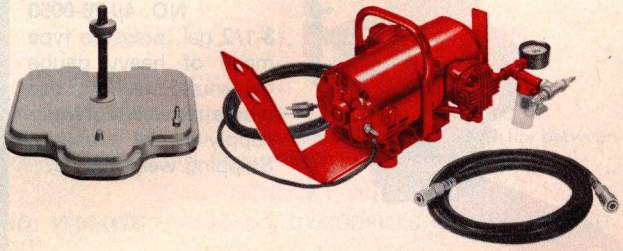
STAND ONLY



The same as the 4130 DYMORIG at left but with a smaller base for confined drilling situations. For more support, the small base can be used with VAC-U-RIG attachment kits No. 49-22-7070 and No. 49-22-7075, or it can be replaced with the large base assembly, converting it into a 4130 DYMORIG. The 4125 will accept the same attachments as the 4130, 4135 and the 4136. Order meter box separately. Net weight 71 lbs. Shipping weight 92 lbs.

VAC-U-RIG ATTACHMENT KIT

NO. 49-22-7075 115 VOLT Complete vacuum assemblies consisting of one vacuum pad which provides approximately 1800 lbs. of holding force and vacuum pump assembly with gauge, filter, 8 foot air hose and fittings. Same as furnished with No. 4136 and also for use with Nos. 4130 and 4125. Net weight 19.5 lbs. Shipping weight 26.5 lbs. **RECOMMENDED ONLY FOR SINGLE PAD USE.**



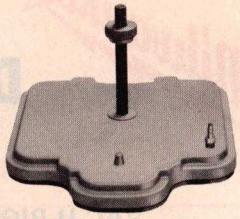
VAC-U-RIG ATTACHMENT KIT

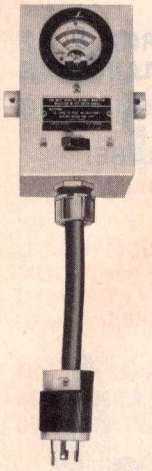
NO. 49-22-7070 120 VOLT Complete vacuum assemblies consisting of one vacuum pad which provides approximately 1800 lbs. of holding force and vacuum pump assembly with switch, gauge, filter, 8 foot air hose and fittings. Same as furnished with No. 4135 and also for use with Nos. 4130 and 4125. Net weight 40 lbs. Shipping weight 46 lbs.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

ACCESSORIES





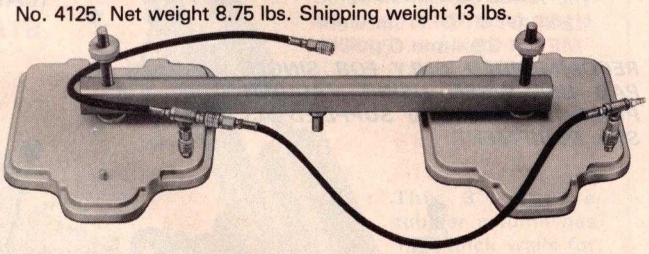
METER BOXES

NO. 48-51-0100
30 AMP 120 VOLT
Supplied with No. 4135 and also available as an accessory. Ammeter and power switch on front panel and two convenience outlets on back of unit. Net weight 4.75 lbs. Shipping weight 6 lbs.

NO. 48-51-0120
20 AMP 120 VOLT
Ammeter and power switch on front panel with single 20 amp twist lock receptacle for drill motor. Net weight 3.75 lbs. Shipping weight 5.25 lbs.

VACUUM PAD ASSEMBLY (Single Pad)

NO. 49-22-7100 Single vacuum pad which provides approximately 1800 lbs. of holding force. Same as supplied with No. 4135 and 4136 and VAC-U-RIG® attachment kits No. 49-22-7070, No. 49-22-7075 and No. 49-22-7080. Can be used with No. 4130 and No. 4125. Net weight 8.75 lbs. Shipping weight 13 lbs.

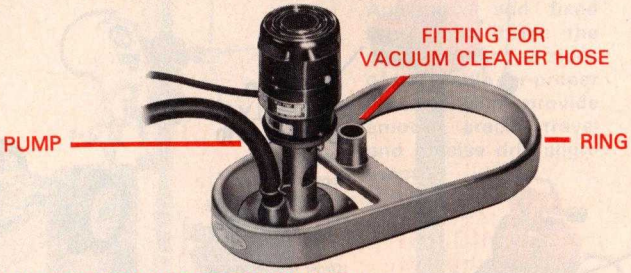


VACUUM PAD ASSEMBLY (Double Pad)*

NO. 49-22-7090 Provides approximately 3600 lbs. of holding force. For use with Nos. 4135, 4130 and 4125. Includes two vacuum pads, crossbar assembly and hoses. Can be used separately or in addition to the single pad supplied with the VAC-U-RIG or VAC-U-RIG attachment kit. Net weight 30 lbs. Shipping weight 34 lbs.
*Vacuum pump No. 49-50-0140 is recommended for multiple pad use.

SMALL BASE DIMENSIONS
(Less Wheels)
7-1/4" × 13

LARGE BASE DIMENSIONS
(Less Wheels)
13-1/4" × 17-1/8"



SMALL BASE ASSEMBLY NO. 48-10-0080

Small base is included with No. 4125 and can be used with Nos. 4130, 4135 and 4136. Works well in restricted areas. Includes two wheels and four leveling screws. Net weight 22 lbs. Shipping weight 26 lbs.

LARGE BASE ASSEMBLY NO. 48-10-0090

Large base is included with Nos. 4130, 4135 and 4136. Can be used with No. 4125 for greater support. Includes two wheels and four leveling screws. Net weight 33.5 lbs. Shipping weight 37.5 lbs.

TELESCOPING EXTENSION ASSEMBLY

NO. 48-95-1000
Braces unit between floor and ceiling for maximum rigidity. Fixed hole adjustments. Assembly adjusts to 14 foot ceilings. Fractional take up between fixed settings made with jack screw at top of stands. Shipping weight 33 lbs.

WATER COLLECTOR PUMP NO. 49-50-0050

115 VOLTS 50-60 Hz AC ONLY
Small heavy-duty pump of balanced impeller design, driven by an enclosed motor. Pumps out excess trapped water, abrasive-proof and quiet running. Furnished with reinforced plastic flexible hose. Shipping weight 12 lbs. Rated at 2.5 amps.

WATER COLLECTING RING NO. 48-70-0060

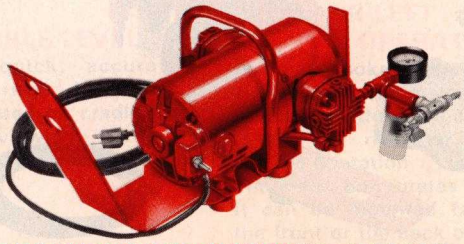
For use where water flow from drilling operation must be trapped and drained. Dike-type collector ring holds water for fast disposal when used with bits up to 10" in diameter. May be used with pump described above. A built-in vacuum hose fitting also permits use with a wet or dry vacuum cleaner. Shipping weight 8.75 lbs.

WATER TANK

NO. 49-76-0050
3-1/2 gal. pressure type made of heavy gauge galvanized steel. For use where regular tap water supply is not available. Shipping weight 8 lbs.

WATER HOSE NO. 49-18-0055 5/8" I.D. × 8'

8 foot water hose with standard brass male and female water hose fittings.



VACUUM PUMP ASSEMBLY NO. 49-50-0160

115 VOLTS
Heavy-duty 1/8 H.P. pump complete with vacuum gauge, air filter and cord. May be mounted to base of unit if desired. Same as furnished with No. 4136 and VAC-U-RIG® Kit No. 49-22-7075. Net weight 19.5 lbs. Shipping weight 26.5 lbs.
RECOMMENDED ONLY FOR SINGLE PAD USE.

VACUUM PUMP ASSEMBLY NO. 49-50-0140

120 VOLTS
Heavy-duty 1/6 H.P. pump complete with vacuum gauge, air filter, switch and cord. May be mounted to base of unit if desired. Same as furnished with No. 4135 and VAC-U-RIG® attachment kit. Net weight 30 lbs. Shipping weight 34 lbs.

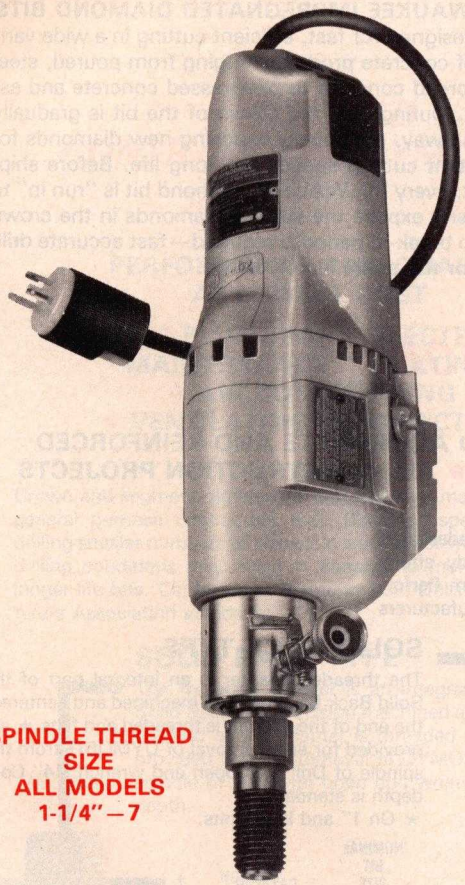
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN REINFORECED CONCRETE • TILE • MASONRY • MARBLE

TWO SPEED DYMODRILL MOTORS

FOR USE WITH VAC-U-RIG® and DYMORIG DIAMOND CORE DRILL RIGS



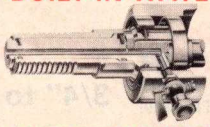
SPINDLE THREAD SIZE ALL MODELS 1-1/4" — 7

FEATURES:

- 15 AMP AND 20 AMP MOTORS
- ALL BALL AND ROLLER BEARING
- TRIPLE REDUCTION GEARING
- HEAVY-DUTY MILWAUKEE-BUILT MOTOR

Armatures are dynamically balanced for smooth running, high efficiency and long life.

- BUILT-IN WATER SWIVEL



With spring-loaded, leakproof seals. Directs flow of water to drilling edge of diamond bit to keep diamonds cool and cutting at top efficiency...flushes away cuttings.

- SHEAR PIN PROTECTION

Protects gears and motor against overload and allows machine to operate at safe torque. Shear pins easily replaced. Extra pins are included with each unit.

*** HARDENED SHEAR PIN NO. 44-60-0031**
STEEL SHEAR PIN NO. 44-60-0050

* Standard Equipment

- TWO SPEED SHIFT LEVER

Speed changes are easily made by means of a conveniently located shift lever which transfers drive gear from one position to the other. Gears are constantly in mesh.

TWO SPEED DYMODRILL MOTOR SPECIFICATIONS

15 AMP MODELS

Cost effective, Heavy-Duty power. Lower current draw of 15 Amp motor provides core drilling power where 20 Amp service is unavailable.

CATALOG NUMBER	VOLTS	AMPS	SPEED RPM	SUGGESTED DIAMETERS IN MEDIUM AGGREGATE	NET WGT. LBS.	SHP. WGT. LBS.
4090	120	15●	375 750	5"-8" 2-1/2"-5"	26	30
4095	120	15●	500 1000	3"-5" 1-1/4"-3"	26	30

● Cord equipped with 20 amp twist lock plug.

20 AMP MODELS

Improved, High Performance motor design provides 4.8 peak horsepower. Increased power maintains higher drilling speed and produces higher torque for maximum core drilling production.

4079	120	20●	300 600	7"-14" 4"-7"	24	31
4094	120	20●	450 900	6"-10" 2"-6"	24	31
4099	120	20●	600 1200	4"-7" 3/4"-4"	24	31

● Cord equipped with 20 amp twist lock plug.

Suggested diameters listed on specific models are for maximum drilling efficiency in medium aggregate. Speeds must be adjusted for material conditions. All models can also be used for other diameters.

STANDARD EQUIPMENT includes built-in water swivel, adapter to receive standard water hose, water control valve, extra shear pins, also an open end wrench for holding the output spindle while removing bits.

ADDITIONAL ACCESSORIES

SPACER WITH KEY

NO. 49-67-0050 for Rigs Nos. 4114, 4119 and 4104 only.
Allows use of bits thru 10" diameter. Spacer 1" thick, fits between cradle of Rig and Drill. Four mounting screws included.

3/16" SOCKET WRENCH

NO. 49-96-0085 For mounting DYMODRILLS to cradle of VAC-U-RIG®.

1-3/8" OPEN END WRENCH

NO. 49-96-4700 For DYMODRILLS listed in charts at left.

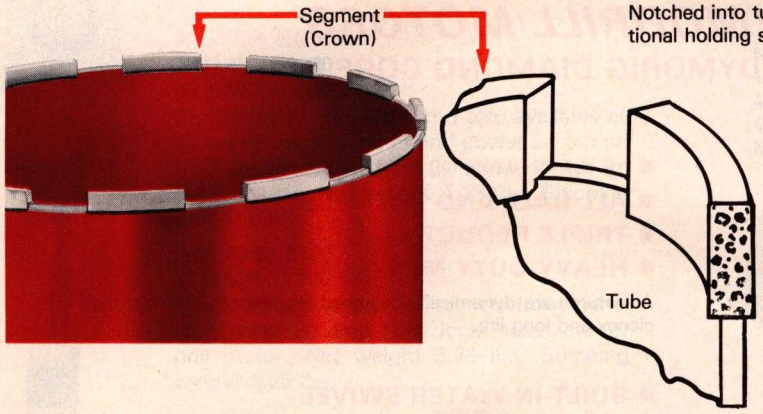
GREASE TYPE "E" FOR TWO SPEED MODELS

NO. 49-08-4121 1 Lb. Can.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

PREMIUM HEAVY-DUTY IMPREGNATED DIAMOND BITS

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

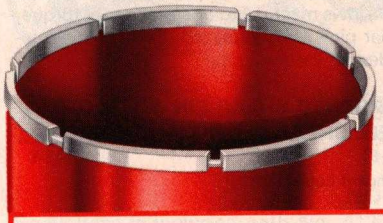


MILWAUKEE IMPREGNATED DIAMOND BITS are designed for fast, efficient cutting in a wide variety of concrete products ranging from poured, steel reinforced concrete to prestressed concrete and asphalt. During use, the crown of the bit is gradually worn away, continually exposing new diamonds for constant cutting speeds and long life. Before shipment, every MILWAUKEE diamond bit is "run in" to properly expose the surface diamonds in the crown so no break-in period is required—fast accurate drilling for the entire life of the bit.

PREMIUM GRADE DYMOBITS

3/4" to 14" diameter

MORE HOLES AT LESS COST PER HOLE EVEN THROUGH HARD AGGREGATE AND REINFORCED CONCRETE FOR • DRILLING CONTRACTORS • LINE DRILLING • ALL CONSTRUCTION PROJECTS



MILWAUKEE Premium Grade Dymobits have been redesigned to offer exceptional drilling life with smooth, steady effort. Premium Dymobits from MILWAUKEE equal Premium Performance. Conforms to Diamond Core Drilling Manufacturers Association standards.

PRE-STRESSED CONCRETE

PREMIUM GRADE

DYMOBIT

SOLID BACK TYPE

A MILWAUKEE PREMIUM GRADE DYMOBIT SPECIFICALLY DESIGNEDFOR DIAMOND CORE DRILLING IN PRE-STRESSED CONCRETE

Diamond impregnated crown, height, width of waterways specifically designed for maximum cutting speed and reduced risk of bit damage when drilling pre-stressed concrete. 14" core depth is standard. Also may be used for diamond core drilling in poured, steel reinforced concrete, asphalt.

NOMINAL BIT SIZE O.D.	CATALOG NUMBER	‡ THREAD SIZE
1"	48-16-1007	5/8"-11 ‡
1-1/2"	48-16-1507	5/8"-11 ‡
2"	48-16-2014	1-1/4"-7
2-1/2"	48-16-2514	1-1/4"-7
3"	48-16-3014	1-1/4"-7
3-1/2"	48-16-3512	1-1/4"-7
4"	48-16-4014	1-1/4"-7
4-1/2"	48-16-4507	1-1/4"-7
5"	48-16-5014	1-1/4"-7
6"	48-16-6014	1-1/4"-7

SOLID BACK TYPE

The threaded adapter is an integral part of the Solid Back Bit. Precision machined and centered, the end of the adapter is threaded and flats ★ are provided for easy removal of DYMOBIT from the spindle of Drill with open end wrench. 14" Core depth is standard.

★ On 1" and larger bits.

NOMINAL BIT SIZE O.D.	CATALOG NUMBER	‡ THREAD SIZE
3/4"	48-16-0756	5/8"-11 ‡
7/8"	48-16-0876	5/8"-11 ‡
1"	48-16-1006	5/8"-11 ‡
1-1/4"	48-16-1260	5/8"-11 ‡
1-1/2"	48-16-1506	5/8"-11 ‡
2"	48-16-2013	1-1/4"-7
2-1/2"	48-16-2513	1-1/4"-7
2-3/4"	48-16-2756	1-1/4"-7
3"	48-16-3013	1-1/4"-7
3-1/2"	48-16-3511	1-1/4"-7
4"	48-16-4013	1-1/4"-7
4-1/2"	48-16-4506	1-1/4"-7
5"	48-16-5013	1-1/4"-7
6"	48-16-6013	1-1/4"-7
7"	48-16-7006	1-1/4"-7
8"	48-16-8006	1-1/4"-7
9"	48-16-9006	1-1/4"-7
10"	48-16-9506	1-1/4"-7
12"	48-16-9605	1-1/4"-7
14"	48-16-9705	1-1/4"-7

‡ **NOTE**—Check thread size with spindle thread on Drill or refer to specifications for DYMODRILLS. When used with Drills with 1-1/4"-7 thread use Threaded Adapter No. 48-04-0160.

PREMIUM GRADE BITS AVAILABLE IN SPECIAL DIAMETER AND LENGTHS ON SPECIAL ORDER—CONTACT FACTORY.

HEAVY-DUTY IMPREGNATED DIAMOND BITS

DIAMOND CORE DRILLING ACCESSORIES

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

STANDARD CONTRACTORS DYMOBITS

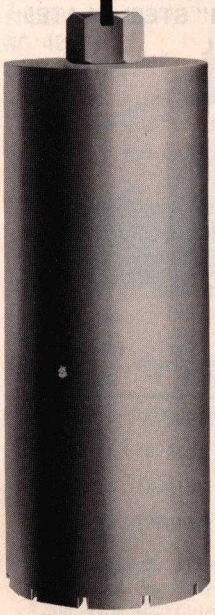
PERFORMANCE AND QUALITY AT LOWEST COST

FOR • PLUMBING • ELECTRICAL MAINTENANCE • HEATING • AIR CONDITIONING • VENTILATING CONTRACTORS

Crown and segment dimensions plus low cost make this bit a general purpose contractors tool. Designed specifically for drilling smaller numbers of a specific size hole or where difficult drilling conditions may result in damage to more expensive longer life bits. Conforms to Diamond Core Drilling Manufacturers Association standards.

SOLID BACK TYPE

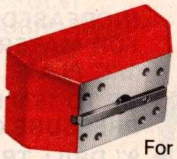
The threaded adapter is an integral part of the Solid Back Bit Precision machined and centered, the end of the adapter is threaded and flats are provided for easy removal of DYMOBIT from the spindle of Drill with open end wrench. 14" Core depth.



NOMINAL BIT SIZE O.D.	CATALOG NUMBER	‡ THREAD SIZE
2"	**48-16-2007**	1-1/4"-7
2-1/2"	**48-16-2507**	1-1/4"-7
3"	**48-16-3007**	1-1/4"-7
3-1/2"	**48-16-3507**	1-1/4"-7
4"	**48-16-4007**	1-1/4"-7
4-1/4"	**48-16-4257**	1-1/4"-7
5"	**48-16-5007**	1-1/4"-7
6"	**48-16-6007**	1-1/4"-7

‡ **NOTE**—Check thread size with spindle thread on Drill or refer to specifications for DYMODRILLS. It may be necessary to use a threaded Adapter to fit Drill spindle.

HEAVY-DUTY SPACER ASSEMBLIES THREADED ADAPTERS AND BIT EXTENSIONS FOR DYMOBITS



SPACER ASSEMBLY

NO. 49-67-0110

For use with Nos. 4125, 4130, 4135 and 4136. Mounts between cradle and DYMODRILL motor to increase VAC-U-RIG®, DYMO-RIG bit capacity from 10" to 14". Net weight 3 lbs. Shipping weight 5 lbs.

SPACER ASSEMBLY

NO. 49-67-0050

For use with No. 4104 DYMO-RIG and previous model Nos. 4114 and 4119. Spacer 1" thick, mounts between cradle and DYMODRILL motor. Allows use of bits thru 10" diameter.

3/16" SOCKET WRENCH

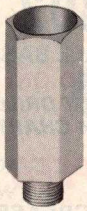
NO. 49-96-0085

For mounting DYMODRILLS to cradle.

1-3/8" OPEN END WRENCH

NO. 49-96-4700

For use with DYMODRILLS listed in charts on page 37. Also for Threaded Adapters and Bit Extensions.



THREADED ADAPTERS

NO. 48-04-0160* THREAD ADAPTER reduces thread size of 1-1/4"-7 to 5/8"-11 for DYMOBITS and extensions.

* Used on DYMODRILLS listed in table on page 37.

BIT EXTENSIONS

NO. 48-95-1500 9" BIT EXTENSION

Extension threaded on both ends with 1-1/4"-7 thread, for use with Diamond Core Bits over 2" diameter with 1-1/4"-7 thread. Extension mounts directly to DYMODRILL; two or more can be coupled together for deep hole drilling.

NO. 48-95-2100 10-1/2" BIT EXTENSION

Extension threaded on both ends with 5/8"-11 thread, for use with 1-1/4" and 1-1/2" diameter Diamond Core Bits with 5/8"-11 thread. Extension requires No. 48-04-0160 Threaded Adapter for mounting to DYMODRILLS; two or more can be coupled together for deep hole drilling.

HEAVY-DUTY ELECTROMAGNETIC DRILL

HEAVY-DUTY INDUSTRIAL/ CONSTRUCTION ELECTRONICS

4232-1

COMBINED UNIT:
SMALL BASE STAND NO. 4202
***AND* DRILL MOTOR NO. 4262-1**

SEE CHART BELOW FOR STAND AND MOTOR SPECIFICATIONS

• *SPEED CONTROL*

- INCREASED HOLDING POWER FOR MATERIALS AS THIN AS 1/2" PLATE
- UP TO 1670 LB. DRILL POINT PRESSURE ON 1" STEEL PLATE§
- 9" DRILL TRAVEL

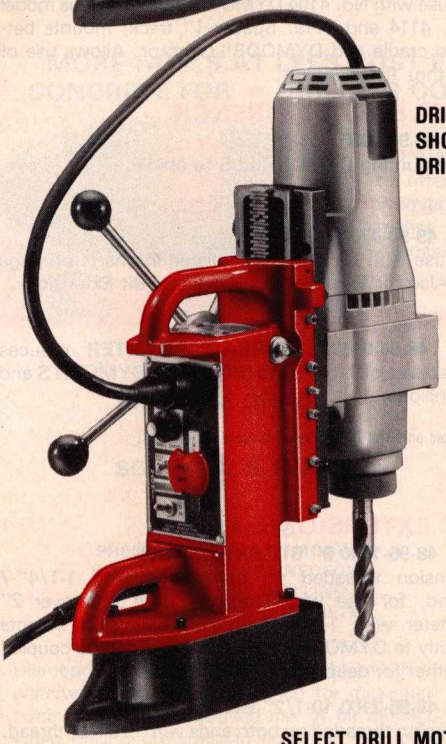
NO. 4232-1 Combined Unit
Shipping Weight
71 Lbs.

DRILL STAND NO. 4201 SHOWN WITH NO. 4253-1 DRILL MOTOR

4201

SMALL BASE
STAND ONLY
SELECT DRILL MOTOR FROM CHART BELOW

- 4 COMBINATIONS AVAILABLE
- 1470 LB. DRILL POINT PRESSURE MAXIMUM ON 1" STEEL PLATE§
- 9" DRILL TRAVEL



DRILL STAND NO. 4202 SHOWN WITH NO. 4297-1 DRILL MOTOR

4202

SMALL BASE
STAND ONLY
SELECT DRILL MOTOR FROM CHART BELOW

• *SPEED CONTROL*

- INCREASED HOLDING POWER FOR MATERIALS AS THIN AS 1/2" PLATE
- 4 COMBINATIONS AVAILABLE
- UP TO 1670 LB. DRILL POINT PRESSURE ON 1" STEEL PLATE§
- 9" DRILL TRAVEL

SPECIFICATIONS

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS

DRILL MOTOR CATALOG NUMBER	VOLTS AC	AMPS	CAPACITY▲* DRILL	CAPACITY▲* TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS HT.	W.	L.	STAND 4202 § DRILL POINT PRESSURE LBS.	STAND 4201 § DRILL POINT PRESSURE LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1●	120	6.2	1/2"	5/8"-18‡	600	Chuck	48-66-1360	48-66-3280	15"	4-1/4"	11"	1650	1450	41	49
4262-1	120	11.5	3/4"	1"-14	350	Chuck	48-66-2085	48-66-3160	15"	4-1/4"	11"	1670	1470	41	62
4292-1■	120	11.5	1-1/4"	1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	15"	4-1/4"	11"	1600	1410	41	65
4297-1■	120	11.5	1-1/4"	1"-14	500-250	No. 3MT	45-34-0050		15"	4-1/4"	11"	1600	1410	41	65

■ Two speed drills § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.
● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.
‡ 5/8"-11 or 1/2"-13 taps not recommended.
▲ **NOTE...**To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket specify Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 32. Refer to the instruction manual for sizes.
* See page 42 for Steel Hawg™ Cutter capacities.

TYPE "A" GREASE FOR SINGLE SPEED
NO. 49-08-0500 1/2 LB. CAN
NO. 49-08-0800 1 LB. CAN

TYPE "E" GREASE FOR TWO SPEED
NO. 49-08-4121 1 LB. CAN

6' LENGTH SAFETY CHAIN
NO. 48-58-0080
Same as furnished with unit.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

PRESSES 120 VOLT AC ONLY 12.5 AMPS MAXIMUM RATING WITH LARGE DRILL

HEAVY-DUTY
INDUSTRIAL/
CONSTRUCTION
ELECTRONICS

Milwaukee ELECTRONICS

4233-1

COMBINED UNIT:
ADJUSTABLE BASE STAND NO. 4231 AND DRILL MOTOR NO. 4297-1

SEE CHART BELOW FOR STAND AND MOTOR SPECIFICATIONS

- **11" DRILL TRAVEL**
- **2000 LB. DRILL POINT PRESSURE MAXIMUM ON 1" STEEL PLATE§**

NO. 4233-1 Combined Unit
Shipping Weight
95 Lbs.

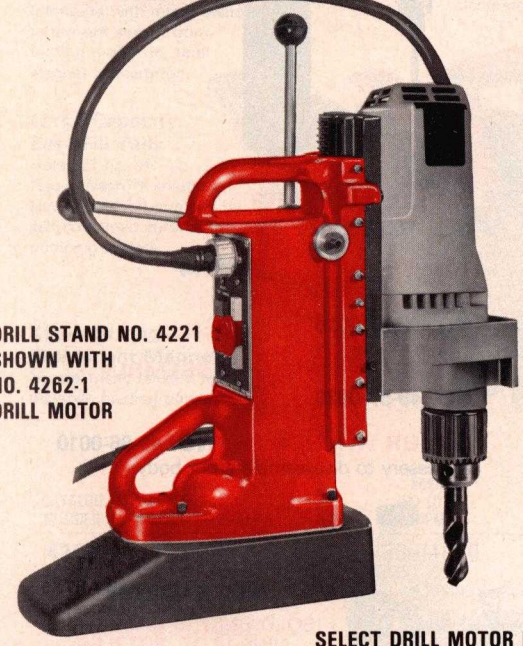
STEEL HAWG™ METAL CUTTERS
See page 42

4231

ADJUSTABLE BASE
STAND ONLY
SELECT DRILL MOTOR FROM CHART BELOW

DRILL STAND NO. 4231 SHOWN WITH NO. 4292-1 DRILL MOTOR

- **NO. 4231 IS ADJUSTABLE 3/4" IN DIRECTION OF BASE LENGTH AND 20° RIGHT OR LEFT**
- **4 COMBINATIONS AVAILABLE**
- **11" DRILL TRAVEL**
- **2000 LB. DRILL POINT PRESSURE MAXIMUM ON 1" STEEL PLATE§**



DRILL STAND NO. 4221 SHOWN WITH NO. 4262-1 DRILL MOTOR

4221

LARGE BASE
STAND ONLY
SELECT DRILL MOTOR FROM CHART BELOW

- **4 COMBINATIONS AVAILABLE**
- **11" DRILL TRAVEL**
- **2000 LB. DRILL POINT PRESSURE MAXIMUM ON 1" STEEL PLATE§**

SPECIFICATIONS

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS

DRILL MOTOR CATALOG NUMBER	VOLTS AC	AMPS	CAPACITY▲* DRILL	CAPACITY▲* TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS HT.	DRILL STAND DIMENSIONS W.	DRILL STAND DIMENSIONS L.	§DRILL POINT PRESSURE LBS.	STAND 4221 NET WGT. STAND ONLY LBS.	STAND 4221 COMB. NET WGT. STAND AND DRILL LBS.	STAND 4231 NET WGT. STAND ONLY LBS.	STAND 4231 COMB. NET WGT. STAND AND DRILL LBS.
4253-1●	120	6.2	1/2"	5/8"-18‡	600	Chuck	48-66-1360	48-66-3280	17-1/4"	5-1/4"	14"	1975	58	65	60	67
4262-1	120	11.5	3/4"	1"-14	350	Chuck	48-66-2085	48-66-3160	17-1/4"	5-1/4"	14"	2000	58	79	60	81
4292-1■	120	11.5	1-1/4"	1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	17-1/4"	5-1/4"	14"	1915	58	82	60	84
4297-1■	120	11.5	1-1/4"	1"-14	500-250	No. 3MT	45-34-0050	#3 TAPER SOCKET	17-1/4"	5-1/4"	14"	1915	58	82	60	84

■ Two speed drills § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.
● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.
‡ 5/8"-11 or 1/2"-13 taps not recommended.
▲ **NOTE...**To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket specify Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 32. Refer to the instruction manual for sizes.
* See page 42 for Steel Hawg™ Cutter capacities.

TYPE "A" GREASE FOR SINGLE SPEED
NO. 49-08-0500 1/2 LB. CAN
NO. 49-08-0800 1 LB. CAN

TYPE "E" GREASE FOR TWO SPEED
NO. 49-08-4121 1 LB. CAN

6' LENGTH SAFETY CHAIN
NO. 48-58-0080
Same as furnished with unit.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

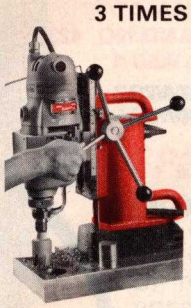
HEAVY-DUTY STEEL HAWG™ CUTTERS

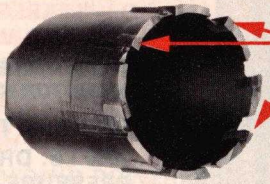
LARGE HOLE CUTTERS MAXIMUM 2" DEPTH, UP TO 6" DIAMETER FOR STEEL PLATE, STAINLESS STEEL, CAST IRON OR ALUMINUM

FOR USE WITH MILWAUKEE ELECTROMAGNETIC DRILL PRESSES AND DRILL STANDS ★

3 TIMES FASTER THAN TWIST DRILLS IN STEEL, STAINLESS, NON-FERROUS

MOTOR RECOMMENDATIONS FOR PORTABLE USE OF STEEL HAWG™ CUTTERS WHEN CUTTING MILD STEEL USING MILWAUKEE MAGNETIC DRILL STANDS





CARBIDE TIPPED MULTIPLE CUTTING EDGES
MILWAUKEE STEEL HAWG™ CUTTERS are highly efficient carbide-tipped cutting tools. Alternating inside and outside cutting edges are carefully honed to cut holes rapidly with great precision. STEEL HAWG™ CUTTERS with their hardened carbide tips, also last longer than regular twist drills. The STEEL HAWG™ CUTTERS multiple cutting edges uniformly distribute the cutting over a wider area than a two flute twist drill tip.

One Piece STEEL HAWG™ CUTTERS 1/2" Cutting Depth, 1/2" Shank

DRILL MOTOR▲ CATALOG NO.	CHUCK CAPACITY	CAPACITY W/ONE PIECE STEEL HAWG™ CUTTER
4253-1	1/2"	11/16"-1-1/2"
4262-1	3/4"	11/16"-1-1/2"
4292-1	#3MT★	11/16"-1-1/2"
4297-1	#3MT★	11/16"-1-1/2"

▲ See pages 40 thru 41 for drill motor specifications.
★ Requires use of Chuck and Arbor Kit No. 49-22-1550.

2" Cutting Depth STEEL HAWG™ CUTTERS with Separate Arbor

DRILL MOTOR▲ CATALOG NO.	CHUCK CAPACITY	CAPACITY W/2" DEPTH STEEL HAWG™ CUTTER
4262-1	3/4"●	3/4"-4"
4292-1	#3MT★	3/4"-4"
4297-1	#3MT★	3/4"-5"

▲ See pages 40 thru 41 for drill motor specifications.
● Requires use of 3/4" Shank Arbor No. 49-57-0030.
★ Requires use of #3MT Arbor No. 49-57-0010.

SELECT STAND AND MOTOR COMBINATIONS FROM PGS. 40, 41

ONE PIECE STEEL HAWG™ CUTTERS 1/2" Cutting Depth

SIZES 11/16" thru 1-1/2"

Recommended for use with MILWAUKEE Electromagnetic Drill Presses and Drill Stands ★

3 MILLED FLATS 1/2" SHANK

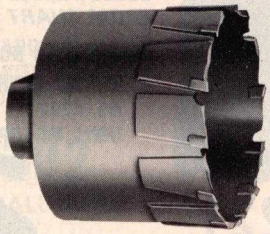
CATALOG NUMBER	CUTTER SIZE	CATALOG NUMBER	CUTTER SIZE
49-57-8068	11/16"	49-57-8109	1-3/32"
49-57-8071	23/32"	49-57-8112	1-1/8"
49-57-8075	3/4"	49-57-8115	1-5/32"
49-57-8078	25/32"	49-57-8118	1-3/16"
49-57-8081	13/16"	49-57-8121	1-7/32"
49-57-8084	27/32"	49-57-8125	1-1/4"
49-57-8087	7/8"	49-57-8128	1-9/32"
49-57-8090	29/32"	49-57-8131	1-5/16"
49-57-8093	15/16"	49-57-8134	1-11/32"
49-57-8096	31/32"	49-57-8137	1-3/8"
49-57-8100	1"	49-57-8143	1-7/16"
49-57-8103	1-1/32"	49-57-8150	1-1/2"
49-57-8106	1-1/16"		

STEEL HAWG™ CUTTERS WITH SEPARATE ARBOR 2" Cutting Depth

SIZES 3/4" thru 6"

Recommended for use with MILWAUKEE Electromagnetic Drill Presses ★

See capacity recommendations as listed at left.



CATALOG NUMBER	CUTTER SIZE	CATALOG NUMBER	CUTTER SIZE
49-57-0750	3/4"	49-57-2370	2-3/8"
49-57-0812	13/16"	49-57-2500	2-1/2"
49-57-0875	7/8"	49-57-2560	2-9/16"
49-57-0937	15/16"	49-57-2620	2-5/8"
49-57-1000	1"	49-47-2750	2-3/4"
49-57-1062	1-1/16"	49-57-2870	2-7/8"
49-57-1125	1-1/8"	49-57-3000	3"
49-57-1187	1-3/16"	49-57-3120	3-1/8"
49-57-1250	1-1/4"	49-57-3250	3-1/4"
49-57-1312	1-5/16"	49-57-3370	3-3/8"
49-57-1375	1-3/8"	49-57-3500	3-1/2"
49-57-1437	1-7/16"	49-57-3620	3-5/8"
49-57-1500	1-1/2"	49-57-3750	3-3/4"
49-57-1562	1-9/16"	49-57-3870	3-7/8"
49-57-1625	1-5/8"	49-57-4000	4"
49-57-1687	1-11/16"	49-57-4120	4-1/8"
49-57-1750	1-3/4"	49-57-4250	4-1/4"
49-57-1812	1-13/16"	49-57-4370	4-3/8"
49-57-1875	1-7/8"	49-57-4500	4-1/2"
49-57-1937	1-15/16"	49-57-4620	4-5/8"
49-57-2000	2"	49-57-4750	4-3/4"
49-57-2060	2-1/16"	49-57-5000	5"
49-57-2120	2-1/8"	49-57-5500	5-1/2"
49-57-2250	2-1/4"	49-57-6000	6"
49-57-2310	2-5/16"		

ARBOR ASSEMBLIES FOR STEEL HAWG™ CUTTERS

Assemblies consist of Arbor, Oil Hose and Oiler.

3 TYPES AVAILABLE (See below)

NO. 2 MORSE TAPER ARBOR ASSEMBLY
NO. 49-57-0020

NO. 3 MORSE TAPER ARBOR ASSEMBLY
NO. 49-57-0010

3/4" SHANK ARBOR ASSEMBLY
NO. 49-57-0030

ARBOR WRENCH SET NO. 49-96-0010
Necessary to disassemble arbor body.

HAWG WASH™
NO. 49-32-0080
(SOLD ONLY IN CASE LOTS)
NINE 16 OZ. BOTTLES PER CASE

ELIMINATE CUTTING FLUID EXPERIMENTATION USE HAWG WASH™ WITH STEEL HAWG™ CUTTERS Hawg Wash™ is a water soluble chemical fluid concentrate containing stable sulphur and chlorine additives. This product is designed for extreme pressure applications (tough alloys and severe operations) but is also excellent for general machining assignments. Hawg Wash™ is very efficient due to its combination of high cooling and strong lubricating characteristics. One 16 oz. bottle makes one gallon of solution. Proper mixing of concentrate requires mixing the concentrate into the water.

★*SEE PAGES 40, 41 FOR MAGNETIC DRILL PRESSES*

SEE PAGE 23 FOR DRILL STANDS

HEAVY-DUTY STEEL HAWG™

PERMANENT MAGNET METAL BORING SYSTEM

- 1/2" to 2" Dia. Holes in any Ferrous Material up to 1" Thick
- Self Contained, Automatic Pumping System provides proper cooling, lubrication with flow of Hawg Wash™

STRONG HOLDING POWER—EVEN ON 1/8" STEEL

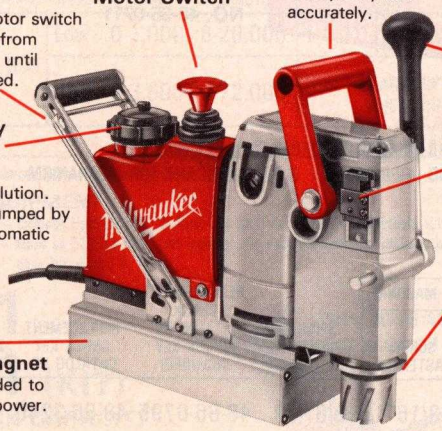
SUPER STRONG PERMANENT MAGNET

4240

APPLICATIONS

- Through Bolt Hole Production for Steel Erection
- Switch Panel Manufacturing
- Shipyard Refitting
- Industrial Maintenance
- Metal Core Sampling
- General Metal Fabrication

No Electricity Needed to Maintain Holding Power



Magnetic Base Handle
Interlocks with motor switch to prevent switch from turning motor on, until magnet is energized.

Easy On/Easy Off Motor Switch

Carrying Handle
Helps position tool quickly and accurately.

Adjustable for Right or Left Hand Operation

Large Capacity Easy Fill Tank
Holds 21 oz. of Hawg Wash™ solution. Hawg Wash™ pumped by self-contained automatic pumping system.

Hi/Lo Speed Selector for More Efficient Metal Boring

Quick Change Release Collar for Fast Cutter Change... No Keys or Wrench Required

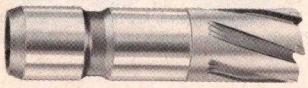
Super Strong Permanent Magnet
No electricity needed to maintain holding power.

PORTABLE AND LIGHTWEIGHT
Only 35 Lbs.

SPECIFICATIONS

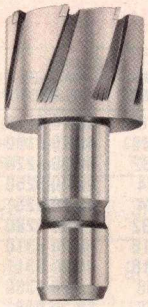
CATALOG NUMBER	VOLTS AC-DC	AMPS	H.P.	SPEED (NO LOAD) RPM	SPEEDS	DRILLING CAPACITY	TANK CAPACITY (OZ.)	MAX. DEPTH	DIMENSIONS HT.	W.	L.	NET WGT. (LBS.)	SHP. WGT. (LBS.)
4240	120	11.5	2	500/1000	2	2"	21	1"	14-1/4"	4-5/16"	16"	35	42

ACCESSORIES



HAWG WASH™ CUTTING FLUID
NO. 49-32-0080

A water soluble chemical fluid concentrate containing stable sulphur and chlorine additives, Hawg Wash™ cutting fluid is specifically designed for extreme pressure applications. This nontoxic, nonflammable solution is very efficient due to its combination of high cooling and strong lubricating characteristics. Combined with water, one 16 oz. bottle makes one gallon of solution. Available in case lots of nine 16 oz. bottles only.



SAFETY CHAIN
NO. 48-58-0080
Heavy-duty six-foot length with snap hook.

EJECTOR PIN ASSEMBLY
NO. 44-60-0755

QUICK CHANGE STEEL HAWG™ CUTTERS

These durable carbide-tipped cutters penetrate metals three times faster, with less pressure and better results than twist drills. Quick Change Steel Hawg™ Cutters require no prepunching or pilot holes, cut accurately, minimize stock removal and leave a ream-like finish. Available in 26 sizes, from 1/2" to 2" diameters as shown below. All cutters have a maximum cutting depth of 1".

CATALOG NUMBER	DIAMETER	CATALOG NUMBER	DIAMETER	CATALOG NUMBER	DIAMETER
49-57-0250	1/2"	49-57-1063	1-1/16"	49-57-1563	1-9/16"
49-57-0563	9/16"	49-57-1126	1-1/8"	49-57-1626	1-5/8"
49-57-0625	5/8"	49-57-1188	1-3/16"	49-57-1688	1-11/16"
49-57-0688	11/16"	49-57-1218	1-7/32"	49-57-1751	1-3/4"
49-57-0751	3/4"	49-57-1251	1-1/4"	49-57-1813	1-13/16"
49-57-0813	13/16"	49-57-1313	1-5/16"	49-57-1876	1-7/8"
49-57-0876	7/8"	49-57-1376	1-3/8"	49-57-1938	1-15/16"
49-57-0938	15/16"	49-57-1438	1-7/16"	49-57-2001	2"
49-57-1001	1"	49-57-1501	1-1/2"		

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY HAMMER-DRILLS

FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY AND DRILLING WITHOUT HAMMERING IN WOOD AND METAL

- COMPACT
- LIGHTWEIGHT
- IDEAL FOR OVERHEAD DRILLING
- 3/8" CHUCK CAPACITY
- ALL BALL AND ROLLER BEARINGS
- HEAT TREATED GEARS AND IMPACT MECHANISM

HEAVY-DUTY *INDUSTRIAL/ CONSTRUCTION* ELECTRONICS

TRIGGER SPEED CONTROL

5392-1 REV.
5397-1 REV. (KIT)

- IMPACT RESISTANT, NON-CONDUCTIVE MOTOR HOUSING AND HANDLE.
- ALUMINUM GEAR CASE AND DIAPHRAGM SUPPLIES GREATER SUPPORT FOR SHAFT AND BEARINGS
- DEPTH GAUGE QUICKLY ADJUSTS TO ANY DRILLING DEPTH REQUIRED FOR ANCHORS.
- SIDE HANDLE CAN BE USED ON EITHER SIDE AND WITH OR WITHOUT DEPTH GAUGE.

Designed for fast percussion drilling in concrete or masonry and high speed drilling without hammering in wood or metal. When hammer-drilling, light pressure against work engages mechanism. Hammer action stops when not under load...prevents damage when idling.

Rubber dust shield over chuck in front of fluted collar protects against harmful abrasive dust.

STEEL CARRYING CASE
As furnished with kits.
When ordering separately use
NO. 48-55-0711

ACCESSORIES

NO. 49-62-0090 RUBBER SHIELD
NO. 48-66-4040 RUBBER-FLEX KEY HOLDER
NO. 49-08-4121 1 LB. CAN "E" GREASE For Gears
NO. 49-08-0150 3 OZ. LUBRICANT FOR MECHANISM

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED	NO LOAD RPM	BLOWS PER MIN.	CAPACITIES: TWIST DRILL BITS IN STEEL	CAPACITIES: FLAT BORING BITS IN WOOD	CAPACITIES: IN CONCRETE OR MASONRY: CARBIDE TIP BITS	CAPACITIES: IN CONCRETE OR MASONRY: SCREW FASTENERS	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LGTH. (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
5392-1 REV.	120	5.0	Speed Control	0-2,500	0-50,000	3/8"	3/4"	9/16"	3/16"	3/8"-24	48-66-0795	48-66-3240	11	4-1/2	7
5397-1 REV. Kit	120	5.0	Speed Control	0-2,500	0-50,000	3/8"	3/4"	9/16"	3/16"	3/8"-24	48-66-0795	48-66-3240	11	4-1/2	15

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT

FOR NO. 5392-1 REV.—Includes Hammer-Drill, depth gauge, removable side handle, rubber dust shield, 3/8" industrial, geared, key-type chuck and chuck key with holder.
FOR NO. 5397-1 REV.—Same as 5392-1 REV. Also includes 3/16" × 3", 1/4" × 4", 3/8" × 4" and 1/2" × 6" percussion carbide-tip bits and steel case.

PERCUSSION CARBIDE-TIP BITS For drilling concrete and masonry

These Carbide-Tip Bits are especially made with round shanks for use with Hammer-Drills. Alloy steel shanks and bodies for durability and long life. Highest quality carbide tips brazed to steel bodies resist dulling, stay sharp longer and can be resharpened often. Wide spiral with shallow oval flutes removes dust fast to assure maximum drilling efficiency.

BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.
11/64	**48-20-6170**	11/64	3
3/16	**48-20-6180**	3/16	3
7/32	**48-20-6220**	3/16	3
1/4	**48-20-6250**	1/4	4
1/4	**48-20-6251**	1/4	6
9/32	**48-20-6280**	17/64	4
5/16	**48-20-6310**	17/64	4
5/16	**48-20-6311**	17/64	6
3/8	**48-20-6380**	5/16	4
3/8	**48-20-6381**	5/16	6
3/8	**48-20-6382**	5/16	13-1/2
7/16	**48-20-6440**	3/8	6
15/32	**48-20-6470**	3/8	6
1/2	**48-20-6500**	3/8	6
1/2	**48-20-6501**	3/8	13-1/2
9/16	**48-20-6560**	3/8	6

SOLD IN DURABLE VINYL SLEEVES

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY MAGNUM® HAMMER-DRILLS

HEAVY-DUTY INDUSTRIAL/ CONSTRUCTION ELECTRONICS

TRIGGER SPEED CONTROL MODELS WITH QUIK-LOK CORD SETS

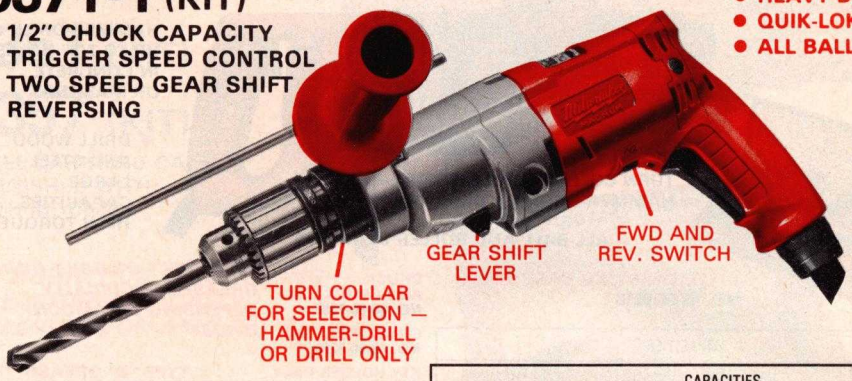
FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY AND DRILLING WITHOUT HAMMERING IN WOOD OR METAL

5370-1
5371-1 (KIT)

- 1/2" CHUCK CAPACITY
- TRIGGER SPEED CONTROL
- TWO SPEED GEAR SHIFT
- REVERSING

EXCLUSIVE* MAGNUM® *FEATURES

- REMOVABLE BRUSH CARTRIDGE SYSTEM
- SELF-STOPPING BRUSHES
- STORAGE FOR EXTRA CARBONS — BRUSH HOLDER SCREW
- HEAVY-DUTY INDUSTRIAL CHUCK
- QUIK-LOK CORD SETS
- ALL BALL AND ROLLER BEARINGS



• DRIVE CONCRETE SCREW FASTENERS

No. 5370-1 Rev. speeds up installation work when used with concrete screw fastening systems. The tool drills the hole and drives the screw. Simply drill the pilot hole, slide the drive unit over the bit and drive the screw into the hole. There is no need to remove the bit or adjust the drill. Concrete screw fasteners can be used to fasten a variety of materials and fixtures to concrete including wood and metal, electrical boxes, light fixtures, duct straps and window frames.

REPLACEMENT CHUCK NO. 48-66-1365 (CHUCK KEY INCLUDED)

REPLACEMENT CHUCK KEY NO. 48-66-3280

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED	NO LOAD RPM	BLOWS PER MINUTE	CAPACITIES: WOOD: FLAT BORING BIT	WOOD: AUGER BIT	WOOD: SHIP AUGER BIT	WOOD: SELFEED BIT	WOOD: HOLE SAW	STEEL: TWIST DRILL	CONCRETE: CARBIDE TIP BIT	CONCRETE: SCREW FASTENERS	SPINDLE DIAMETER AND THREAD	LGTH. (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
5370-1 REV.	120	5.4	Low	0-1,000	0-20,000	1-1/2"	7/8"	7/8"	1-1/8"	3-1/4"	1/2"	5/8"	1/4"	1/2"-20	13	5-3/4	7-1/4
			High	0-3,600	0-72,000	SET GEAR SHIFT TO LOW SPEED SETTING WHEN BORING HOLES IN WOOD					—	3/8"	—				
5371-1 REV. Kit	Same as 5370-1 but with steel carrying case and bits																15-1/4

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT

FOR NO. 5370-1 REV. — Includes Hammer-Drill, 8' Quik-Lok cord, depth gauge, adjustable side handle and chuck key with holder.

FOR NO. 5371-1 REV. — Same as 5370-1 REV. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6380, 3/8"; No. 48-20-6500, 1/2" and steel carrying case No. 48-55-0711.

5372-1
5373-1 (KIT)

- 3/8" CHUCK CAPACITY
- TRIGGER SPEED CONTROL
- REVERSING

5374-1
5375-1 (KIT)

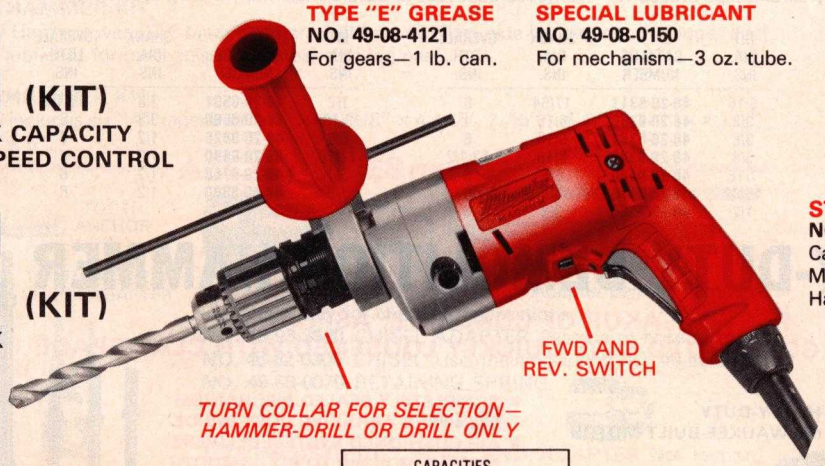
- 1/2" CHUCK CAPACITY
- TRIGGER SPEED CONTROL
- REVERSING

TYPE "E" GREASE
NO. 49-08-4121
For gears—1 lb. can.

SPECIAL LUBRICANT
NO. 49-08-0150
For mechanism—3 oz. tube.

QUIK-LOK CORD SETS

DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	48-76-4008
25' QUIK-LOK	48-76-4025



STEEL CARRYING CASE
NO. 48-55-0711
Case only for all MAGNUM® Hammer-Drills.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED	NO LOAD RPM	BLOWS PER MINUTE	CAPACITIES: WOOD: FLAT BORING BIT	STEEL: TWIST DRILL	CONCRETE: CARBIDE TIP BIT	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WEIGHT (LBS.)	SHIPPING WEIGHT (LBS.)
5372-1	120	5.4	Speed Control	0-3,500	0-70,000	5/8"	1/4"	3/8"	3/8"-24	48-66-0795	48-66-3240	11-1/4	5	6-1/4
5373-1 Kit														14-1/4
5374-1	120	5.4	Speed Control	0-2,500	0-50,000	3/4"	3/8"	9/16"	1/2"-20	48-66-1365	48-66-3280	11-1/2	5-1/4	6-1/2
5375-1 Kit														14-1/2

STANDARD EQUIPMENT

FOR NO. 5372-1— Includes Hammer-Drill, 8' Quik-Lok cord, depth gauge, adjustable side handle and chuck key with holder.

FOR NO. 5373-1 — Same as above. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6251, 1/4"; No. 48-20-6380, 3/8" and steel carrying case No. 48-55-0711.

FOR NO. 5374-1 — Same as 5372-1.

FOR NO. 5375-1 — Same as 5372-1. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6380, 3/8"; No. 48-20-6500, 1/2" and steel carrying case No. 48-55-0711.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY HAMMER-DRILLS

FOR PERCUSSION CARBIDE BIT DRILLING IN CONCRETE AND MASONRY AND DRILLING WITHOUT HAMMERING IN WOOD OR METAL

2 WAY ACTION • HAMMERING WITH ROTATION • ROTATION ONLY

DOUBLE INSULATED MODELS

5388
5389 (KIT)

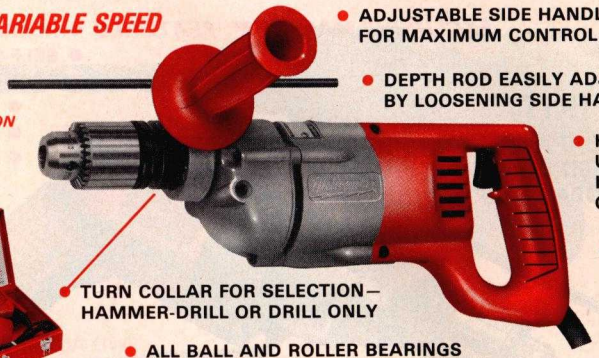
GROUNDED MODELS

5398
5399 (KIT)

Kits contain Hammer-Drill plus Depth Rod, Side Handle, Chuck Key and Steel Carrying Case.

HEAVY-DUTY INDUSTRIAL/ CONSTRUCTION ELECTRONICS

VARIABLE SPEED



- ADJUSTABLE SIDE HANDLE FOR MAXIMUM CONTROL
- DEPTH ROD EASILY ADJUSTED BY LOOSENING SIDE HANDLE
- HAMMER-DRILL UP TO 7/8" HOLES IN CONCRETE OR MASONRY
- DRILL WOOD AND STEEL—LARGE CAPACITIES, HIGH TORQUE
- TURN COLLAR FOR SELECTION—HAMMER-DRILL OR DRILL ONLY
- ALL BALL AND ROLLER BEARINGS

STEEL CARRYING CASE ONLY
NO. 48-55-0215

CHUCK AND CHUCK KEY
NO. 48-66-1365

CHUCK KEY ONLY
NO. 48-66-3280

KEY HOLDER ONLY
NO. 48-66-4040

NO HOURLY OR DAILY OILING—GREASE PERIODICALLY DEPENDING ON AMOUNT OF USE

TYPE "E" GREASE
NO. 49-08-4121
For Gears—1 lb. can

SPECIAL LUBRICANT
NO. 49-08-0150
For mechanism—3 oz. tube

SPECIFICATIONS

1/2" CHUCK CAPACITY

CATALOG NUMBER	VOLTS AC ONLY	AMPS	BLOWS PER MIN.	NO LOAD RPM	CAPACITIES: DRILL ONLY: WOOD: FLAT BORING BITS	HOLE SAW	AUGER BITS	SHIP AUGER BITS	SELFEED BITS	STEEL: TWIST DRILL	HAMMER: MASONRY: CARBIDE TIP BIT: SOFT	HARD	LENGTH (INS.)	NET WGT. LBS.	SHP. WGT. LBS.
5388●	120	6.2	0-19,000	0-950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2	7-1/2	9
5389 KIT●	120	6.2	0-19,000	0-950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2	17	18
5398	120	6.2	0-19,000	0-950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2	7-1/2	9
5399 KIT	120	6.2	0-19,000	0-950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2	17	18

STANDARD EQUIPMENT: Depth Rod, Side Handle and Chuck Key No. 48-66-3280.
● Double Insulated.

PERCUSSION CARBIDE-TIP BITS
For drilling concrete and masonry

These Carbide-Tip Bits are especially made with round shanks for use with Hammer-Drills. Alloy steel shanks and bodies for durability and long life. Highest quality carbide tips brazed to steel bodies resist dulling, stay sharp longer and can be resharpened often. Wide spiral with shallow oval flutes removes dust fast to assure maximum drilling efficiency.

SOLD IN DURABLE VINYL SLEEVES

BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.
11/64	48-20-6170	11/64	3
3/16	48-20-6180	3/16	3
7/32	48-20-6220	3/16	3
1/4	48-20-6250	1/4	4
1/4	48-20-6251	1/4	6
9/32	48-20-6280	17/64	4
5/16	48-20-6310	17/64	4

BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.
5/16	48-20-6311	17/64	6
3/8	48-20-6380	5/16	4
3/8	48-20-6381	5/16	6
3/8	48-20-6382	5/16	13-1/2
7/16	48-20-6440	3/8	6
15/32	48-20-6470	3/8	6
1/2	48-20-6500	3/8	6

BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.
1/2	48-20-6501	3/8	13-1/2
9/16	48-20-6560	3/8	6
5/8	48-20-6620	1/2	6
11/16	48-20-6690	1/2	6
3/4	48-20-6750	1/2	6
7/8	48-20-6880	1/2	6

HEAVY-DUTY DEMOLITION HAMMER

5332

2000 BLOWS PER MIN.

FAST BREAKUP OF CONCRETE, ASPHALT, CLAY, COMPACTED DIRT QUICKLY LOOSENED WITH CLAY SPADE

- 3 POSITION PIPE HANDLE
- CONVENIENT TWO FINGER TRIGGER SWITCH
- HEAVY-DUTY MILWAUKEE-BUILT MOTOR
- COMPLETELY SEALED MECHANISM EXCLUDES ABRASIVE DUST INSIDE
- AIR CUSHIONED SYSTEM DELIVERS MAXIMUM BLOW TO BIT—SMOOTH OPERATING TO REDUCE FATIGUE
- HANDLES A WIDE RANGE OF HAMMER IRON
- EASY ACCESS BRUSH COVERS
- ALL BALL AND ROLLER BEARINGS

ACCESSORIES

A. 12" BULL POINT NO. 48-62-0165
20" BULL POINT NO. 48-62-0175
B. 12" COLD CHISEL NO. 48-62-0065
20" COLD CHISEL NO. 48-62-0075
C. SCALING CHISEL NO. 48-62-0155
D. SLOTTING TOOL NO. 48-62-0225
E. BUSHING TOOL NO. 48-62-0900
Used to surface concrete.
BUSHING TOOL HEAD NO. 48-62-0910
Replacement.
F. CLAY SPADE NO. 48-62-1000
G. FROST SPADE NO. 48-62-0350
H. GROUND ROD DRIVER NO. 48-62-6000
Drives 5/8" or 3/4" electrical grounding rods.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	BLOWS PER MINUTE	LENGTH	NET WEIGHT LBS.	SHP. WEIGHT LBS.
5332	120	13	2000	27-3/4"	34	65

STANDARD EQUIPMENT: Demolition Hammer, Steel Carrying Case, Auxiliary Pipe Handle and "F" Grease.

STEEL CARRYING CASE
(When ordered separately)
NO. 48-55-0725

TYPE "E" GREASE
1 lb. can
NO. 49-08-4121

TYPE "F" GREASE
2 oz. tube
NO. 49-08-4130

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY 3/4" ROTARY HAMMER

FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY

3 WAY ACTION • HAMMERING WITH ROTATION • HAMMERING ACTION ONLY* • ROTATION ONLY

*Order accessories separately for hammering action only.

5351 (KIT)
5357 (KIT)

STEEL CARRYING CASE FURNISHED WITH BOTH MODELS

STEEL CARRYING CASE ONLY
NO. 48-55-1520

NO HOURLY OR DAILY OILING — GREASE PERIODICALLY . . . DEPENDING ON AMOUNT OF USE

- **"A" TAPER BITS FIT DIRECTLY INTO NOSE**
- **SIDE HANDLE USED ON EITHER SIDE**
- **ALL BALL AND ROLLER BEARING**

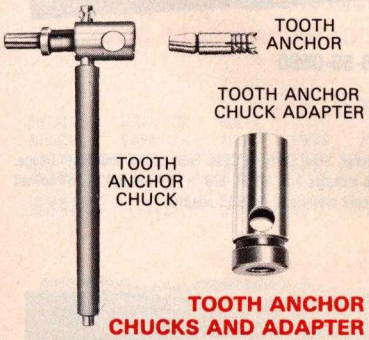
SPECIFICATIONS

CATALOG NUMBER	MAXIMUM CAPACITY	VOLTS AC-DC	AMPS	BLOWS PER MIN.	NO LOAD RPM	LENGTH INCHES	NET WGT. LBS.	SHP. WGT. LBS.
5351	7/8"	120	6.2	2500	1100	18-3/8	10	21
5357	7/8"	120	6.2	2500	1100	18-3/8	10	22

NO. 5351 ROTARY HAMMER KIT
Includes 3/4" Rotary Hammer with "A" taper adapter, drift key, auxiliary side handle, depth gauge, dust shield, 3 oz. tube of lubricant for mechanism and steel carrying case.

NO. 5357 ROTARY HAMMER KIT
Same as above. Also includes six "A" taper bits 1/4" × 4", 3/8" × 4-1/2", 7/16" × 4-1/2", 1/2" × 4-1/2", 9/16" × 5" and 5/8" × 5".

ACCESSORIES



TOOTH ANCHOR CHUCKS AND ADAPTER

Round shank for hammering action only — manual rotation.

NO. 48-66-6720 For Bolt Size 1/4"-3/16" 3/8" — Anchor O.D. 7/16" 9/16"
NO. 48-66-6730

CHUCK ADAPTER For tooth anchor chucks
NO. 48-03-3615

NO. 48-86-0100 DRIFT PIN
NO. 49-68-0075 RETAINING SPRING

TOOTH ANCHOR CHUCK KIT
NO. 49-22-2050 Includes all items listed above.

HAMMERING ACTION ONLY

3/4" × 4-1/2" × 7"

CHISEL AND CHISEL ADAPTER Adapter permits hammering action only for chiseling applications.
NO. 48-03-3620 CHISEL ADAPTER Fastens to nose of tool.
NO. 48-62-0300 CHISEL Use retaining spring NO. 49-68-0075.
NO. 49-68-0075 RETAINING SPRING

1/2" INDUSTRIAL CHUCK AND ADAPTER Not recommended for hammering applications. Use with rotation only.
NO. 48-03-3590 CHUCK ADAPTER "A" taper shank. 1/2"-20 threaded end.
NO. 48-66-1365 1/2" CHUCK — Chuck Key included.

"A" TAPER ADAPTER

DUST SHIELD

MISCELLANEOUS ACCESSORIES

48-03-3610 ●	"A" Taper Bit Adapter
48-86-0050 ●	Drift Key for above
49-96-0080 ●	Socket Wrench for Depth Gauge
49-62-0080 ●	Dust Shield
49-08-0150 ●	3 oz. Lubricant for Mechanism
48-55-1520 ●	Steel Carrying Case
49-68-0075	Retaining Spring
49-08-0500	1/2 Lb. Can "A" Grease for Gears
49-08-0800	1 Lb. Can "A" Grease for Gears

● Same as furnished with tool.

FAST SPIRAL "A" TAPER PERCUSSION CARBIDE-TIP BITS

BIT DIA. (INS.)	CATALOG NUMBER	OVERALL LENGTH (INS.)	MAX. DRILLING DEPTH (INS.)
3/16	**48-20-3181**	4	2
1/4	**48-20-3251**	4	2
1/4	**48-20-3253**	6	4
5/16	**48-20-3311**	4-1/2	2-1/2
5/16	**48-20-3313**	6	4
3/8	**48-20-3383**	4-1/2	2-1/2
3/8	**48-20-3384**	9	7
3/8	**48-20-3385**	12	10
7/16	**48-20-3441**	4-1/2	2-1/2
1/2	**48-20-3503**	9	7
1/2	**48-20-3504**	4-1/2	2-1/2
1/2	**48-20-3505**	12	10
9/16	**48-20-3561**	5	3
9/16	**48-20-3562**	9	7
5/8	**48-20-3623**	5	3
5/8	**48-20-3624**	9	7
5/8	**48-20-3625**	12	10
11/16	**48-20-3691**	5	3
3/4	**48-20-3791**	5-1/2	3-1/2
3/4	**48-20-3796**	9	7
7/8	**48-20-3861**	5	3

"A" TAPER PERCUSSION CARBIDE-TIP BITS

BIT DIA. (INS.)	CATALOG NUMBER	OVERALL LENGTH (INS.)	MAX. DRILLING DEPTH (INS.)
3/16	**48-20-3180**	4	2
1/4	**48-20-3250**	4	2
1/4	**48-20-3252**	6	4
5/16	**48-20-3310**	4-1/2	2-1/2
5/16	**48-20-3312**	6	4
3/8	**48-20-3380**	4-1/2	2-1/2
3/8	**48-20-3381**	9	7
3/8	**48-20-3382**	12	10
7/16	**48-20-3440**	4-1/2	2-1/2
15/32	**48-20-3470**	4-1/2	2-1/2
1/2	**48-20-3499**	9	7
1/2	**48-20-3500**	4-1/2	2-1/2
1/2	**48-20-3501**	12	10
9/16	**48-20-3559**	5	3
9/16	**48-20-3560**	9	7
5/8	**48-20-3619**	5	3
5/8	**48-20-3620**	9	7
5/8	**48-20-3621**	12	10
11/16	**48-20-3690**	5	3
3/4	**48-20-3790**	5-1/2	3-1/2
3/4	**48-20-3795**	9	7
7/8	**48-20-3860**	5	3

NEW

5341
WITH STEEL CARRYING CASE

5342
WITH STEEL CARRYING CASE AND ACCESSORIES

Milwaukee

HEAVY-DUTY 1-1/2" ROTARY HAMMERS

MADE IN USA
EAGLE

- **4" DIA. CAPACITY IN CONCRETE/MASONRY WITH PERCUSSION CORE BITS**
- ***FAST 4100 BLOWS PER MIN.***

- **DEPTH ROD** for drilling holes to a preset depth.
- **SIDE HANDLE** is fully adjustable and can be rotated 360 degrees.
- **BIT LOCK** is designed for fast bit replacement.

LIGHTWEIGHT

ONLY 13 LBS. ... IDEAL FOR CLOSE CORNER AND OVERHEAD APPLICATIONS

POWERFUL

UNSURPASSED IN CAPACITY AND DRILLING SPEED FOR ITS SIZE AND WEIGHT

HAMMERS ONLY WHEN PRESSURE IS APPLIED TO THE BIT AND STOPS HAMMERING WHEN PRESSURE IS REMOVED

- **BALL AND ROLLER BEARINGS**
- **HEAVY-DUTY AC-DC SEALED SWITCH** Two Finger Trigger
- **SELF-STOPPING LONG LIFE BRUSH SYSTEM**
- **EXTRA STRENGTH FLEXIBLE CORD** with rugged separate strain relief.
- **ELECTRO-PNEUMATIC HAMMER MECHANISM** delivers powerful blows with minimum operator pressure. Special design increases efficiency while reducing the size and weight of tool.
- **NO HOURLY OR DAILY OILING REQUIRED**
- **COMPACT MOTOR HOUSING** designed for easy handling and for operation in close quarters. Low weight of the hammer makes it ideal for overhead drilling applications.
- **LONG-LIFE SELF CONTAINED SLIP CLUTCH** When bit jams, clutch slips—rotary action stops.
- **INTERNAL-EXTERNAL "CAPTIVE" DUST SHIELD** inside of the tool and also extends over nose for greater protection against harmful dust.
- **EPOXY-COATED FIELD** provides the abrasion resistance needed when drilling continuously in concrete and stone. Increases the life of the tool while reducing service time.

STEEL CARRYING CASE ONLY
NO. 48-55-0580

SPECIFICATIONS

CATALOG NUMBER	MAXIMUM CAPACITY	VOLTS AC-DC	AMPS	NO LOAD BLOWS PER MIN.	NO LOAD RPM	LENGTH (INCHES)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
NEW 5341	1-1/2"	120	8.5	4100	600	17-1/4	13	21
NEW 5342	1-1/2"	120	8.5	4100	600	17-1/4	13	28-1/2

STANDARD EQUIPMENT:
NO. 5341—Includes Rotary Hammer, Steel Carrying Case, Side Handle and Depth Gauge.
NO. 5342—Same as above. Also includes 1/2"×16", 5/8"×16" and 3/4"×16" splined shank bit, 12" bull point, 12" cold chisel and an SDS adapter.

SPLINE SHANK BITS

MILWAUKEE ***EAGLE*** Rotary Hammer is designed for use with the Spline Shank Bits and adapters. The 12 tooth configuration allows for maximum efficiency and less wear on bit and hammer. MILWAUKEE SPLINE SHANK BITS fit directly into the nose of the tool for positive rotation response.

HAMMER TOOLS

The hammer irons fit directly into the nose of the tool. Milled flat, allows hammer iron to be locked in place.

ACCESSORIES

BIT AND CHISEL ASSORTMENT NO. 48-20-4200

Consists of one each of the following:

NO. 48-20-4051	1/2" dia.×16" long Spline Shank Bit	**NO. 48-20-4076**	3/4" dia.×16" long Spline Shank Bit	**NO. 48-62-2020**	12" Cold Chisel
NO. 48-20-4063	5/8" dia.×16" long Spline Shank Bit	**NO. 48-62-2000**	12" Bull Point Chisel	**NO. 48-66-6502**	"A" Taper Adapter

SEE PAGES 50, 51 FOR ADDITIONAL ROTARY HAMMER ACCESSORIES

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY 1-1/2" ROTARY HAMMERS

5347 WITH STEEL CARRYING CASE

5348 WITH STEEL CARRYING CASE AND ACCESSORIES

- **6" DIA. CAPACITY IN CONCRETE/MASONRY WITH PERCUSSION CORE BITS**
- ***STOP-ROTATION CONTROL***

Stop-Rotation lever disengages rotary action, allowing hammer action only. This feature allows the tool to set self-drilling tooth anchors up to 7/8".

POWERFUL

DELIVERS MAXIMUM RESULTS WITH MINIMAL USER EFFORT!

- **DEPTH ROD** for drilling holes to a preset depth.
- **BIT LOCK** is designed for fast bit replacement.
- **SIDE HANDLE** is fully adjustable and can be rotated 360 degrees.

- **BALL AND ROLLER BEARINGS**
- **HEAVY-DUTY AC-DC SEALED SWITCH** Two Finger Trigger
- **SELF-STOPPING LONG LIFE BRUSH SYSTEM**
- **EXTRA STRENGTH FLEXIBLE CORD** with rugged separate strain relief.
- **ELECTRO-PNEUMATIC HAMMER MECHANISM** delivers powerful blows with minimum operator pressure. Special design increases efficiency while reducing the size and weight of tool.
- **NO HOURLY OR DAILY OILING REQUIRED**
- **COMPACT MOTOR HOUSING** designed for easy handling and for operation in close quarters. Low weight of the hammer makes it ideal for overhead drilling applications.
- **LONG-LIFE SELF CONTAINED SLIP CLUTCH** When bit jams, clutch slips—rotary action stops.
- **INTERNAL-EXTERNAL "CAPTIVE" DUST SHIELD** inside of the tool and also extends over nose for greater protection against harmful dust.
- **EPOXY-COATED FIELD** provides the abrasion resistance needed when drilling continuously in concrete and stone. Increases the life of the tool while reducing service time.

STEEL CARRYING CASE ONLY
NO. 48-55-0580

SPECIFICATIONS

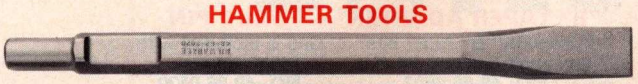
CATALOG NUMBER	MAXIMUM CAPACITY	VOLTS AC-DC	AMPS	NO LOAD BLOWS PER MIN.	NO LOAD RPM	LENGTH (INCHES)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
5347	1-1/2"	120	8.5	4100	500	17-1/4	13-1/2	21-1/2
5348	1-1/2"	120	8.5	4100	500	17-1/4	13-1/2	29

STANDARD EQUIPMENT:
NO. 5347—Includes Rotary Hammer, Steel Carrying Case, Side Handle and Depth Gauge.
NO. 5348—Same as above. Also includes 1/2"×16", 5/8"×16" and 3/4"×16" splined shank bit, 12" bull point, 12" cold chisel and an "A" taper chuck.

SPLINE SHANK BITS

MILWAUKEE ***U.S.-1*** Rotary Hammer is designed for use with the Spline Shank Bits and adapters. The 12 tooth configuration allows for maximum efficiency and less wear on bit and hammer. MILWAUKEE SPLINE SHANK BITS fit directly into the nose of the tool for positive rotation response.

HAMMER TOOLS



The hammer irons fit directly into the nose of the tool. Milled flat, allows hammer iron to be locked in place.

ACCESSORIES

BIT AND CHISEL ASSORTMENT* NO. 48-20-4200

Consists of one each of the following:

NO. 48-20-4051	1/2" dia.×16" long Spline Shank Bit	**NO. 48-20-4076**	3/4" dia.×16" long Spline Shank Bit	**NO. 48-62-2020**	12" Cold Chisel
NO. 48-20-4063	5/8" dia.×16" long Spline Shank Bit	**NO. 48-62-2000**	12" Bull Point Chisel	**NO. 48-66-6502**	"A" Taper Adapter

*Same as supplied with NO. 5348.

SEE PAGES 50, 51 FOR ADDITIONAL ROTARY HAMMER ACCESSORIES

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ROTARY HAMMER ACCESSORIES

SPLINE DRIVE BITS AND TOOTH ANCHOR CHUCKS

ROTARY HAMMER ACCESSORIES ON PAGES 49 AND 50 FIT MILWAUKEE ROTARY HAMMERS 5341, 5342, 5343, 5344, 5347, 5348 and the following competitive hammers:

B & D 5041-42-43-44 (MACHO)
BOSCH 11202-03-05-09
AEG PH 350-350D, PH 240D, PH 38, PHD 38, PHD 26, PHA 38
METABO RH-66, RH-99, RH-99X
PHILLIPS 747-2
MAKITA HR 3851

NO ADAPTER REQUIRED

Bits fit directly into tool

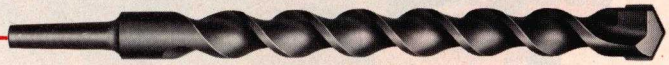
RED CATALOG NOS. ARE NOT RECOMMENDED FOR USE WITH MODELS 5343 AND 5344.

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
3/8	48-20-4037	10	4
1/2	48-20-4050	10	4
1/2	48-20-4051	16	10
1/2	48-20-4052	22	16
9/16	48-20-4056	10	4
5/8	48-20-4062	10	4
5/8	48-20-4063	16	10
5/8	48-20-4064	22	16
11/16	48-20-4068	16	10

ONE PIECE
WITH SPLINED SHANK

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
3/4	48-20-4075	10	4
3/4	48-20-4076	16	10
3/4	48-20-4078	22	16
13/16	48-20-4081	16	10
7/8	48-20-4087	16	10
7/8	48-20-4088	22	16
1	48-20-4100	16	10
1	48-20-4101	22	16

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1-1/8	48-20-4112	16	10
1-1/8	48-20-4113	22	16
1-1/4	48-20-4125	16	10
1-1/4	48-20-4126	22	16
1-3/8	48-20-4137	16	10
1-3/8	48-20-4138	22	16
1-1/2	48-20-4150	16	10
1-1/2	48-20-4151	22	16



"A" TAPER ADAPTERS
Use with "A" taper bits
NO. 48-66-6502

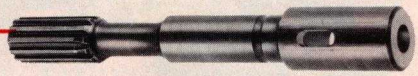
DRIFT PIN
One is included with each adapter
NO. 48-86-0120

FAST SPIRAL "A" TAPER BITS
USE "A" TAPER ADAPTERS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/4	48-20-3251	4	2
1/4	48-20-3253	6	4
5/16	48-20-3311	4-1/2	2-1/2
5/16	48-20-3313	6	4
3/8	48-20-3383	4-1/2	2-1/2
3/8	48-20-3384	9	7
3/8	48-20-3385	12	10

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
7/16	48-20-3441	4-1/2	2-1/2
1/2	48-20-3503	9	7
1/2	48-20-3504	4-1/2	2-1/2
1/2	48-20-3505	12	10
9/16	48-20-3561	5	3
9/16	48-20-3562	9	7
5/8	48-20-3623	5	3

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
5/8	48-20-3624	9	7
5/8	48-20-3625	12	10
11/16	48-20-3691	5	3
3/4	48-20-3791	5-1/2	3-1/2
3/4	48-20-3796	9	7
7/8	48-20-3861	5	3



"A" TAPER ADAPTERS
Use with "A" taper bits
NO. 48-66-6502

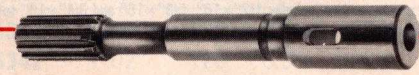
DRIFT PIN
One is included with each adapter
NO. 48-86-0120

"A" TAPER BITS
USE "A" TAPER ADAPTERS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/4	48-20-3250	4	2
1/4	48-20-3252	6	4
5/16	48-20-3310	4-1/2	2-1/2
5/16	48-20-3312	6	4
3/8	48-20-3380	4-1/2	2-1/2
3/8	48-20-3381	9	7
3/8	48-20-3382	12	10

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
7/16	48-20-3440	4-1/2	2-1/2
15/32	48-20-3470	4-1/2	2-1/2
1/2	48-20-3499	9	7
1/2	48-20-3500	4-1/2	2-1/2
1/2	48-20-3501	12	10
9/16	48-20-3559	5	3
9/16	48-20-3560	9	7

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
5/8	48-20-3619	5	3
5/8	48-20-3620	9	7
5/8	48-20-3621	12	10
11/16	48-20-3690	5	3
3/4	48-20-3790	5-1/2	3-1/2
3/4	48-20-3795	9	7
7/8	48-20-3860	5	3



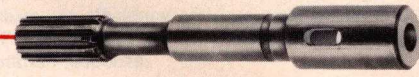
"B" TAPER ADAPTER
Use with "B" taper bits and tooth anchor chucks
NO. 48-66-6503

DRIFT PIN
One is included with each adapter
NO. 48-86-0120

"B" TAPER BITS
USE "B" TAPER ADAPTERS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
11/16	48-20-3680	9	6-3/4
3/4	48-20-3750	9	6-3/4
27/32	48-20-3840	9	6-3/4

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
7/8	48-20-3870	9	6-3/4
1	48-20-3100	9	6-3/4



TOOTH ANCHOR CHUCK

ANCHOR

"B" TAPER ADAPTER
Use with "B" taper bits and tooth anchor chucks
NO. 48-66-6503

DRIFT PIN
One is included with each adapter
NO. 48-86-0120

TOOTH ANCHOR CHUCKS
SELF-DRILLING ANCHOR APPLICATION
USE "B" TAPER ADAPTER NO. 48-66-6503 AND DRIFT PIN NO. 48-86-0100 FOR TOOTH ANCHOR CHUCK

CATALOG NUMBER	FOR BOLT SIZE	O.D. OF ANCHOR
48-66-6520	3/16"-1/4"	7/16"
48-66-6540	5/16"	15/32"
48-66-6560	3/8"	9/16"
48-66-6580	1/2"	11/16"
48-66-6600	5/8"	27/32"

DRIFT PIN NO. 48-86-0100 is not furnished with each tooth anchor chuck. Order separately.

HEAVY-DUTY ROTARY HAMMER ACCESSORIES

SDS BITS, CORE BITS AND HAMMER TOOLS FOR MODELS 5341, 5342, 5343, 5344, 5347 and 5348

THICK WALL CORE BIT ADAPTERS

(Order Separately)

For 1" to 1-3/8" Core Bits
12" long **NO. 48-03-3562**

For 1" to 1-3/8" Core Bits
18" long **NO. 48-03-3563**

For 1-1/2" to 6" Core Bits
12" long **NO. 48-03-3564**

For 1-1/2" to 6" Core Bits
18" long **NO. 48-03-3565**

7-1/2" EXTENSIONS

(OPTIONAL—ORDER SEPARATELY)

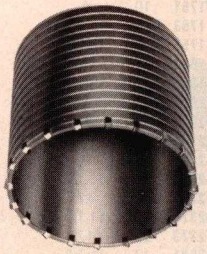
For Adapter
Nos. 48-03-3562, 3563
NO.48-95-6080

For Adapter
Nos. 48-03-3564, 3565
NO. 48-95-6085

THICK WALL CORE BITS

Usable Cutting Depth 4-3/8"

RED CATALOG NOS. ARE NOT RECOMMENDED FOR USE WITH 5341, 5342 AND 5343, 5344.



CAT.NO.	BIT SIZE
48-20-5105	1"
48-20-5110	1-1/8"
48-20-5115	1-1/4"
48-20-5120	1-3/8"
48-20-5125	1-1/2"
48-20-5130	1-3/4"
48-20-5135	2"
48-20-5140	2-1/2"
48-20-5145	3"
48-20-5150	3-1/2"
48-20-5155	4"
48-20-5160	5"
48-20-5165	6"

CENTER PIN*

(Same as furnished with Thick Wall Core Bits)

For 1-1/4" to 1-3/8" Bits
NO. 48-20-5198

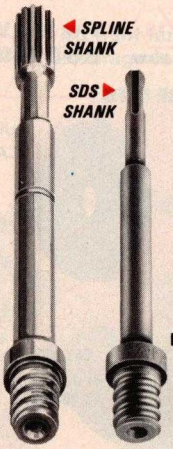
For 1-1/2" to 6" Bits
NO. 48-20-5199

* 1" and 1-1/8" Core Bits do not require a center pin.

REPLACEMENT GUIDE PLATES

(Furnished with Core Bit)

CAT. NO.	DIA.	CAT. NO.	DIA.
48-20-5166	1-1/4"	48-20-5172	3"
48-20-5167	1-3/8"	48-20-5173	3-1/2"
48-20-5168	1-1/2"	48-20-5174	4"
48-20-5169	1-3/4"	48-20-5175	5"
48-20-5170	2"	48-20-5176	6"
48-20-5171	2-1/2"		



THIN WALL CORE BIT ADAPTERS

(Order Separately)

SPLINE SHANK

For 1" to 1-1/2" Core Bits
12" long **NO. 48-03-3535**

For 1" to 1-1/2" Core Bits
18" long **NO. 48-03-3536**

For 1-3/4" to 6" Core Bits
12" long **NO. 48-03-3540**

For 1-3/4" to 6" Core Bits
18" long **NO. 48-03-3541**

SDS SHANK FOR COMPETITIVE MODELS

AEG PHE 16 RL, PHE 26, PHE 19L, PH 210; B&D 5014, RYOBI ED-211; BOSCH 11207, 11210 VSR, 11211 VS, 11212 VSR, 11213 K; KANGO 327; HILTI TE 17/22; PHILLIPS 555, 715; MAKITA HR 1821, HR 2511.

For 1" to 1-1/2" Core Bits
8" long **NO. 48-03-3545**

For 1" to 1-1/2" Core Bits
12" long **NO. 48-03-3551**

For 1-3/4" to 6" Core Bits
8" long **NO. 48-03-3555**

For 1-3/4" to 6" Core Bits
12" long **NO. 48-03-3561**

7-1/2" EXTENSIONS

(OPTIONAL—ORDER SEPARATELY)

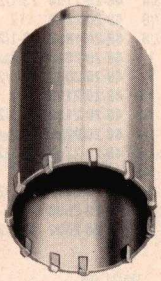
For Adapter
Nos. 48-03-3535, 3536, 3545, 3551
NO. 48-95-6070

For Adapter
Nos. 48-03-3540, 3541, 3555, 3561
NO. 48-95-6075

THIN WALL CORE BITS

Usable Cutting Depth 3"

RED CATALOG NOS. ARE NOT RECOMMENDED FOR USE WITH 5341, 5342 AND 5343, 5344.



CAT. NO.	BIT SIZE
48-20-5005	1"
48-20-5010	1-1/8"
48-20-5015	1-1/4"
48-20-5020	1-3/8"
48-20-5025	1-1/2"
48-20-5030	1-3/4"
48-20-5035	2"
48-20-5038	2-3/8"
48-20-5040	2-1/2"
48-20-5045	3"
48-20-5050	3-1/2"
48-20-5055	4"
48-20-5060	5"
48-20-5065	6"

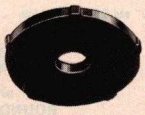
CENTER PIN*

(Same as furnished with Core Bits)

For 1-1/4" to 1-1/2" Bits
NO. 48-20-6150

For 1-3/4" to 6" Bits
NO. 48-20-6155

* 1" and 1-1/8" Core Bits do not require a center pin.



REPLACEMENT GUIDE PLATES

(Furnished with Core Bit)

CAT. NO.	DIA.	CAT. NO.	DIA.
48-20-6151	1-1/4"	48-20-6158	2-1/2"
48-20-6152	1-3/8"	48-20-6159	3"
48-20-6153	1-1/2"	48-20-6160	3-1/2"
48-20-6156	1-3/4"	48-20-6161	4"
48-20-6157	2"	48-20-6162	5"
48-20-6154	2-3/8"	48-20-6163	6"

SDS ADAPTER

For use with SDS bits
NO. 48-03-3015

SDS Bits also fit without adapter in competitive models:

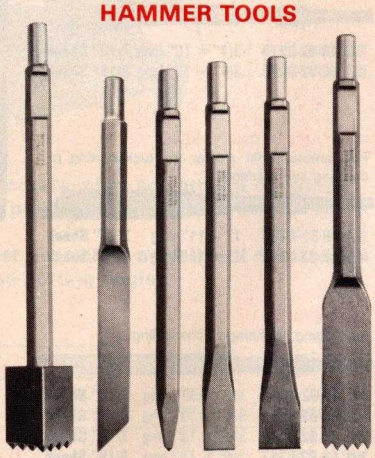
AEG PHE 16 RL, PHE 26, PHE 19L, PHE 210; B&D 5014; RYOBI ED-211; BOSCH 11207, 11210 VSR, 11211 VS, 11212 VSR, 11213 K; KANGO 327; HILTI TE 17/22; PHILLIPS 555, 715; MAKITA HR 1821, HR 2511.

SDS BITS

FOR USE WITH SDS ADAPTER

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
3/16	48-20-7000	4	2
3/16	48-20-7001	6	4
3/16	48-20-7002	12	10
7/32	48-20-7003	8	6
7/32	48-20-7004	12	10
1/4	48-20-7005	4	2
1/4	48-20-7010	6	4
1/4	48-20-7011	8	6
5/16	48-20-7015	6	4
3/8	48-20-7016	6	4
3/8	48-20-7025	12	10
7/16	48-20-7030	6	4
1/2	48-20-7031	6	4
1/2	48-20-7040	12	10
1/2	48-20-7041	18	16
9/16	48-20-7046	12	10
5/8	48-20-7051	8	6
5/8	48-20-7055	12	10
3/4	48-20-7061	8	6
3/4	48-20-7065	12	10
7/8	48-20-7071	8	6
7/8	48-20-7072	12	10
7/8	48-20-7075	18	16
1	48-20-7080	10	8
1	48-20-7085	18	16

HAMMER TOOLS



A B C D E F

A BUSHING TOOLS
Used to surface concrete. 1-1/2" × 12-1/2" long **NO. 48-62-2070.**
Bushing Tool head only **NO. 48-62-0910**

B MORTAR CUTTING CHISELS
For removing old mortar for tuck pointing or caulking.
12" long **NO. 48-62-2080** 18" long **NO. 48-62-2090**

C BULL POINTS
For light demolition work.
12" long **NO. 48-62-2000** 18" long **NO. 48-62-2010**

D COLD CHISELS
For edging, chipping or channeling.
12" long **NO. 48-62-2020** 18" long **NO. 48-62-2030**

E SCALING CHISELS
For removing weld spatter or scale and cutting between drilled holes in concrete for large openings.
1-1/4" × 12" long **NO. 48-62-2040** 2" × 12" long **NO. 48-62-2050**

F SLOTTING CHISEL
For slotting and cutting between drilled holes in concrete and masonry.
1-1/2" × 12" long **NO. 48-62-2060**

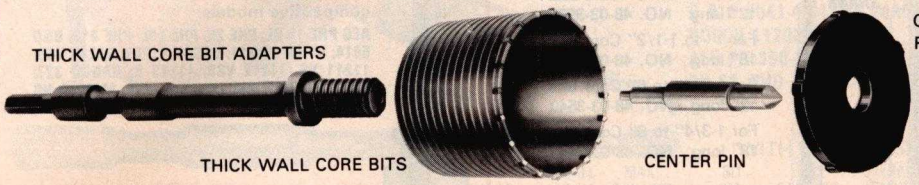
HEAVY-DUTY ROTARY HAMMER ACCESSORIES

FOR ROTARY HAMMER MODELS 5300, 5310, 5325

7/16 HEX. SHANK — Fits MILWAUKEE 5300, 5310, 5305, 5315 and Skil 726.

9/16 HEX. SHANK — Fits MILWAUKEE 5325, 5326, Skil 731, 732, B&D 5048 and Rockwell 602, 1602.

ROTARY PERCUSSION CORE BITS



REPLACEMENT GUIDE PLATES
(Same as Furnished with Thick Wall Core Bits)

CAT. NO.	DIA.	CAT. NO.	DIA.
48-20-5166	1-1/4"	48-20-5169	1-3/4"
48-20-5167	1-3/8"	48-20-5170	2"
48-20-5168	1-1/2"	48-20-5171	2-1/2"

THICK WALL CORE BIT ADAPTERS
(Order Separately)

7/16" Hex For 1"-1-3/8" Core Bits	18" long	NO. 48-03-3566
7/16" Hex For 1-1/2"-2-1/2" Core Bits	18" long	NO. 48-03-3567
9/16" Hex For 1"-1-3/8" Core Bits	18" long	NO. 48-03-3568
9/16" Hex For 1-1/2"-2-1/2" Core Bits	18" long	NO. 48-03-3569

ROTARY PERCUSSION THICK WALL CORE BITS

CAT. NO.	BIT SIZE	CAT. NO.	BIT SIZE	CAT. NO.	BIT SIZE
48-20-5105	1"	48-20-5120	1-3/8"	48-20-5135	2"
48-20-5110	1-1/8"	48-20-5125	1-1/2"	48-20-5140	2-1/2"
48-20-5115	1-1/4"	48-20-5130	1-3/4"		

CENTER PIN*
(Same as furnished with Thick Wall Core Bits)

For 1-1/4" to 1-3/8" Bits NO. 48-20-5198
For 1-1/2" to 2-1/2" Bits NO. 48-20-5199

* 1"—1-1/8" Bits do not require a center pin.

CORE BIT ADAPTERS FOR PREVIOUSLY DISCONTINUED ROTARY PERCUSSION CORE BITS NOS. 48-20-(5250, 5510, 5760, 6010 AND 6050).

CORE BIT ADAPTER
7/16" and 9/16" Hex Shank

CORE BIT ADAPTERS
(Order Separately)

7/16" Hex	For 1-1/4" Core Bits	NO. 48-03-3515
9/16" Hex	For 1-1/4" Core Bits	NO. 48-03-3530
7/16" Hex	For 1-1/2"-2-1/2" Core Bits	NO. 48-03-3505
9/16" Hex	For 1-1/2"-2-1/2" Core Bits	NO. 48-03-3520

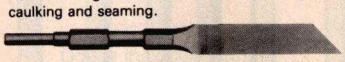
HAMMER IRON

For chiseling, channeling, light demolition work, chipping, scaling, slotting and tuckpointing.

SCALING CHISEL
For removing weld spatter or scale and cutting between drilled holes in concrete for large openings.

NO. 48-62-0210 1-3/4" × 10" long 7/16" Shank
NO. 48-62-0355 1-3/4" × 10" long 9/16" Shank

MORTAR CUTTING CHISEL
For removing old mortar for tuckpointing or caulking and seaming.



NO. 48-62-0230 1" × 11" long 7/16" Shank
NO. 48-62-0362 1" × 11" long 9/16" Shank

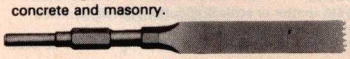
COLD CHISEL
For edging, chipping or channeling.

NO. 48-62-0250 3/4" × 11" long 7/16" Shank
NO. 48-62-0365 3/4" × 11" long 9/16" Shank
NO. 48-62-0252 3/4" × 18" long 7/16" Shank
NO. 48-62-0367 3/4" × 18" long 9/16" Shank

BULLPOINT
For light demolition work.

NO. 48-62-0240 11" long 7/16" Shank
NO. 48-62-0380 11" long 9/16" Shank
NO. 48-62-0248 18" long 7/16" Shank
NO. 48-62-0382 18" long 9/16" Shank

SLOTTING CHISEL
For slotting and cutting between drilled holes in concrete and masonry.



NO. 48-62-0220 1-1/8" × 11" long 7/16" Shank
NO. 48-62-0390 1-1/8" × 11" long 9/16" Shank

TAPER CHUCKS

"A" TAPER CHUCKS

FITS MODEL NUMBERS	MILWAUKEE CATALOG NUMBER
MILWAUKEE 5300, 5310 Skil 726	48-66-6500
MILWAUKEE 5325 Skil 731, 732 Rockwell 602, 1602 Black & Decker 5048	48-66-6709
Hilti TE-17	48-66-6750

"B" TAPER CHUCKS

MILWAUKEE 5300, 5310 Skil 726	48-66-6501
MILWAUKEE 5325 Skil 731, 732 Rockwell 602 Black & Decker 5048	48-66-6710
Drift Pins when ordered separately	48-86-0090* 48-86-0100

*Use with Chuck NO. 48-66-6708.

GENERAL PURPOSE ONE PIECE BITS

No adapter is required. Bits fit directly into nose of the hammer.

7/16" Hex Shank

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/2	48-20-1500	10	4-1/4
1/2	48-20-1502	16	10-1/2
1/2	48-20-1504	22	16
9/16	48-20-1560	12	6-1/2
5/8	48-20-1630	10	4-1/2
5/8	48-20-1632	16	10-1/2
5/8	48-20-1634	22	16
11/16	48-20-1690	12	6-1/2
3/4	48-20-1750	10	4-1/2
3/4	48-20-1752	16	10-1/2
3/4	48-20-1754	23-1/2	18
7/8	48-20-1880	12	6-1/2
7/8	48-20-1882	23-1/2	18
1	48-20-2000	12	6-1/2
1	48-20-2002	23-1/2	18
1-1/8	48-20-2130	12	6-1/2
1-1/8	48-20-2132	23-1/2	18
1-1/4	48-20-2250	12	7
1-1/4	48-20-2251	23-1/2	18
1-3/8	48-20-2370	12	7
1-3/8	48-20-2372	23-1/2	18
1-1/2	48-20-2500	15	10
1-1/2	48-20-2502	23-1/2	18

9/16" Hex Shank

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/2	48-20-1509	10-1/2	4-1/2
1/2	48-20-1510	16-1/2	10-1/2
1/2	48-20-1511	22-1/2	16-1/2
9/16	48-20-1561	13	7
5/8	48-20-1631	10	4
5/8	48-20-1633	16-1/2	10-1/2
5/8	48-20-1635	22-1/2	16-1/2
11/16	48-20-1691	13	7
3/4	48-20-1751	10	4
3/4	48-20-1753	16-1/2	10-1/2
3/4	48-20-1755	22-1/2	16-1/2
7/8	48-20-1881	17	11-1/2
7/8	48-20-1883	22-1/2	16-1/2
1	48-20-2001	12-1/2	7
1	48-20-2003	22-1/2	17
1-1/8	48-20-2131	17	11-1/2
1-1/8	48-20-2133	22-1/2	17
1-1/4	48-20-2252	17	11-1/2
1-1/4	48-20-2253	22-1/2	17
1-3/8	48-20-2371	17	11-1/2
1-3/8	48-20-2373	22	17
1-1/2	48-20-2501	17	11-1/2
1-1/2	48-20-2503	22	17

TOOTH ANCHOR CHUCKS For Applicaton of Self-Drilling Anchors

TOOTH ANCHOR CHUCK

MUST BE USED WITH "B" TAPER CHUCK OR "B" TAPER CHUCK ASSEMBLY AS ILLUSTRATED

TOOTH ANCHOR CHUCK CATALOG NO.	FOR BOLT SIZE	O.D. OF ANCHOR
48-66-6520	3/16"-1/4"	7/16"
48-66-6540	5/16"	15/32"
48-66-6560	3/8"	9/16"
48-66-6580	1/2"	11/16"
48-66-6600	5/8"	27/32"

For final setting of anchors 1/2" and 5/8" use hand hammer and setting tool.

TOOTH ANCHOR CHUCK KIT
NO. 49-22-2000

Tooth Anchor Chucks for bolts sizes 3/16", 1/4", 3/8", 1/2" and 5/8"; "B" Taper Chuck (48-66-6501) with Drift Pin (48-86-0100) and Steel Case (48-55-0780).

"B" TAPER CHUCK
FOR AUTOMATIC ROTATION

7/16" and 9/16" HEX. SHANK AVAILABLE

TOOTH ANCHOR CHUCK — SELF-DRILLING ANCHOR

"B" TAPER CHUCKS

NO. 48-66-6501 7/16" Hex. Shank
NO. 48-66-6710 9/16" Hex. Shank
Drift Pin 48-86-0100 included.

7/16" and 9/16" ROUND SHANK AVAILABLE

TOOTH ANCHOR CHUCK — SELF-DRILLING ANCHOR

"B" TAPER CHUCK ASSEMBLIES

NO. 48-03-3600 7/16" Shank
NO. 48-03-3100 9/16" Shank
Drift Pin 48-86-0100 included.

"B" TAPER CHUCK ASSEMBLY
FOR MANUAL ROTATION

HEAVY-DUTY CHOP SAWS

15 AMP MOTOR

FOR USE WITH ABRASIVE CUT-OFF WHEELS

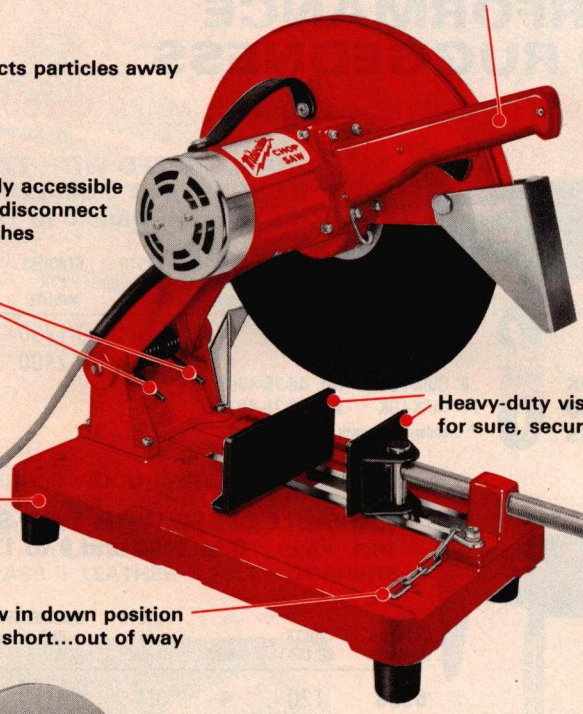
FAST CHOP CUTTING ACTION IN ANGLE IRON, PIPE, TUBING, CONDUIT and CHANNELS

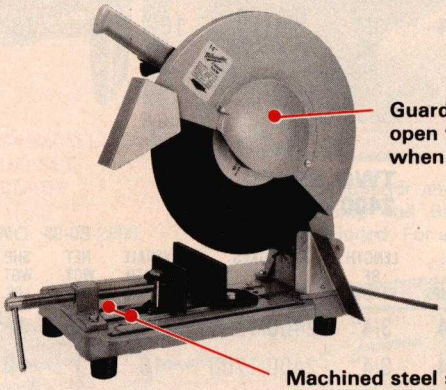
6165 12" BLADE SIZE

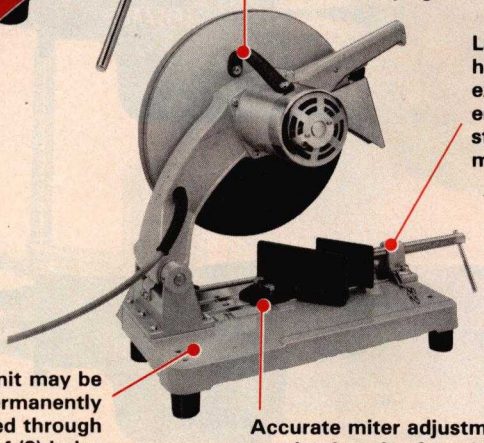
6170 14" BLADE SIZE

NOW MORE POWERFUL!

MILWAUKEE Heavy-Duty Chop Saws are designed for maximum cutting efficiency in any shop or job site location. Powerful motor, huge cutting capacity, rugged heavy-duty construction to provide stable cutting of angle iron, pipe, tubing, conduit and channels.







SPECIFICATIONS

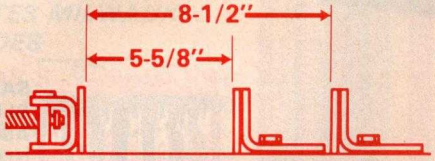
BLADE SIZE	CATALOG NUMBER	VOLTS AC	AMPS	NO LOAD SPEED (RPM)	ARBOR	CAPACITIES: O.D. PIPE DIAMETER	CAPACITIES: BAR STOCK	CAPACITIES: SQUARE STOCK	NET WEIGHT	SHP. WEIGHT
12"	**6165**	115	15	4200	1"	4"	2-3/8"	4"	35 lbs.	42 lbs.
14"	**6170**	115	15	3350	1"	5"	2-9/16"	4-3/8"	40 lbs.	45 lbs.

STANDARD EQUIPMENT: Includes Vice, Abrasive Wheel, Open End Wrench, NO. 49-96-4120 and Spanner Wrench, NO. 49-96-7610.

ABRASIVE CUT-OFF WHEELS

PACKED AND SOLD ONLY IN BOXES OF 5

CATALOG NUMBER	BLADE DIAMETER	ARBOR DIAMETER	MAXIMUM SAFE SPEED RPM
49-93-6220	12" × 3/32"	1"	5000
49-93-6230	14" × 3/32"	1"	4350



MAXIMUM OPENINGS FOR TWO POSITION VISE

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SAWZALL®

CUT ANY SAWABLE MATERIAL

HEAVY-DUTY *INDUSTRIAL/ CONSTRUCTION* ELECTRONICS ON MODELS 6507 AND 6508

UNSURPASSED FOR OVERALL PERFORMANCE AND RUGGEDNESS

SELECT SUPER-TOUGH™ BI-METAL BLADES (Page 56) FOR ABSOLUTE MAXIMUM CUTTING EFFICIENCY

VARIABLE SPEED WITH TWO SPEED RANGES AND QUIK-LOK CORD 0 to 2400 and 0 to 1700

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6507	120	4	3/4"	0-1700 0-2400	16	7	18

QUIK-LOK CORD SETS
8' QUIK-LOK* NO. 48-76-4008
25' QUIK-LOK NO. 48-76-4025
*Standard Equipment

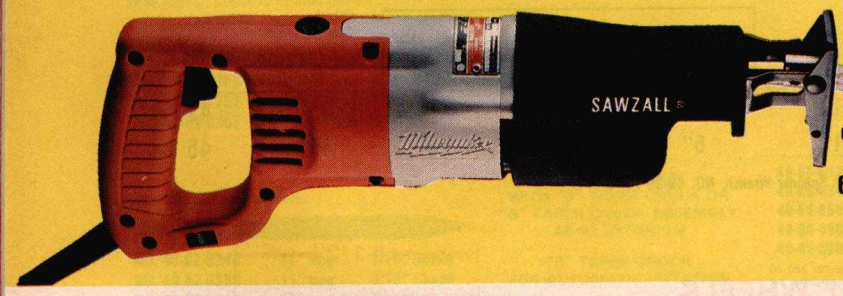
VARIABLE SPEED WITH TWO SPEED RANGES 0 to 2400 and 0 to 1700

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6508	120	4	3/4"	0-1700 0-2400	16	7	18

TWO SPEED 2400 or 1700

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6511	120	4	3/4"	2400/1700	16	7	18
6531●	120	4	3/4"	2400/1700	16	7	10

●Less Case



TWO SPEED DOUBLE INSULATED 2400 or 1700

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6512	120	4	3/4"	2400/1700	16	7	18

SAWZALL BI-METAL BLADE ASSORTMENT NO. 49-22-1125

SUPER-TOUGH™ BI-METAL BLADES—OUT CUT, OUT PERFORM, ALL OTHERS!

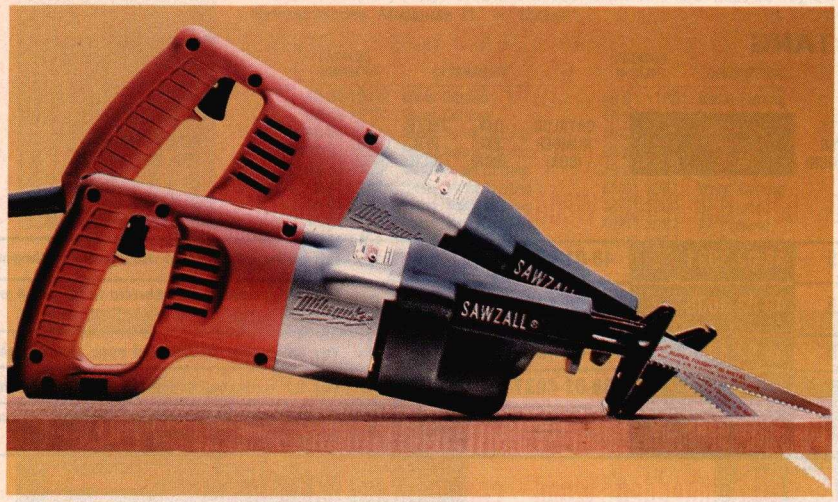
STANDARD EQUIPMENT—ALL MODELS

SUPER-TOUGH™ BI-METAL SAWZALL BLADE ASSORTMENT NO. 49-22-1125. A total of 7 SAWZALL Blades for wood and metal packaged in a vinyl sleeve. Also included are socket wrench and holder, extra blade clamp and screw. Heavy-Duty 20 gauge steel carrying case. (Not supplied with Sawzall 6531.) 8' Quik-Lok cord set supplied with Sawzall 6507 only.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SAWZALL®

PLUNGE CUTS . . . NEEDS NO STARTING HOLE



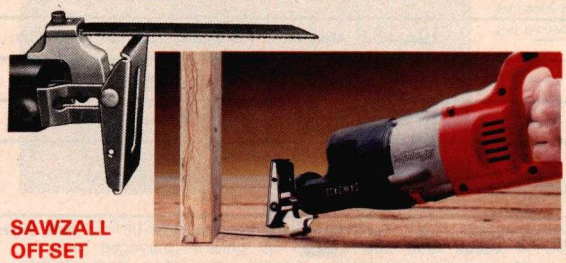
Plunge cut directly into floors, walls and other surfaces composed of resilient materials. Cord position at rear of handle allows for low positioning of SAWZALL when starting cut. Rear of SAWZALL is then raised slowly using shoe as a pivot as sawing continues. No starting hole required!

- **ADJUSTABLE PIVOT SHOE**
- **DIRECT ACCESS TO BLADE CLAMP SCREW**
- **DIRECT ACCESS TO PIVOT SHOE ADJUSTING SCREWS**
- **PROTECTIVE INSULATING BOOT**
- **DURABLE GLASS REINFORCED NYLON HANDLE**
- **ALL BALL AND ROLLER BEARINGS**

• CUT ANY SAWABLE MATERIAL

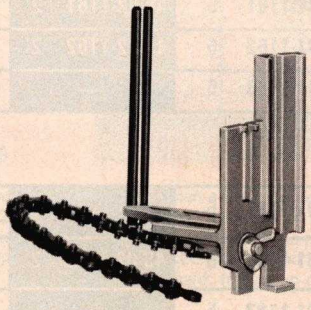
WOOD • NAIL EMBEDDED WOOD • STEEL • CAST IRON BAR STOCK • ALUMINUM • BRASS • CONDUIT COMPOSITION MATERIALS • HARD RUBBER • CEMENT BRICK • PLASTER • PLASTERBOARD • CLAY PIPE FORMICA • FIBERGLASS • LEATHER • FELT • TRANSITE

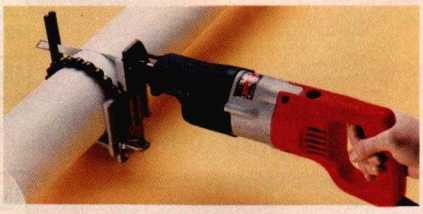
FOR PLUMBERS, HEATING and AIR CONDITIONING CONTRACTORS, ELECTRICIANS, BUILDERS, STEEL FABRICATORS, MAINTENANCE, MANUFACTURERS



SAWZALL OFFSET BLADE ADAPTER
NO. 48-03-2000

For close quarter sawing. Extra Blade Clamp and Blade Clamp Screw included. For all Sawzalls.





SAWZALL CUT-OFF FIXTURE
NO. 48-08-0200

Inexpensive time saving accessory, designed to make square accurate cuts thru steel and plastic pipe and other materials up to 4-1/2" O.D. Easily accommodates irregular shapes to 3-1/4" × 4-1/2".

TYPE "A" GREASE NO. 49-08-0500 for gear case 1/2 lb. can
TYPE "A" GREASE NO. 49-08-0800 for gear case 1 lb. can
TYPE "B" GREASE NO. 49-08-0600 for mechanism 1/2 lb. can
TYPE "B" GREASE NO. 49-08-0900 for mechanism 1 lb. can

STEEL CARRYING CASE NO. 48-55-1501

Standard Equipment for all Sawzalls except No. 6531. Features large storage area for extra Sawzall Blades and accessories. Case designed to fit Sawzall with up to 6" blade, without removal of blade for storage. Heavy-Duty 20 gauge steel. Full color blade selector chart for fast Sawzall Blade identification.

JOB SAW

- ***PERFORMS AS A DRYWALL AND KEYHOLE SAW***
- ***ACCOMMODATES MILWAUKEE SAWZALL BLADES***

JOB SAW PACKAGE
NO. 48-08-0400

Includes No. 48-01-3092 SUPER-TOUGH™ BI-METAL 10 tooth all purpose blade for all woods, nail embedded, composition materials, plastic, cast aluminum, light gauge non-ferrous metals.

SELECT 1/2" TANG SAWZALL BLADES TO FIT JOB SAW. SEE PAGES 56 THRU 59.

SUPER-TOUGH™ BI-METAL SAWZALL® BLADES

SHARPEST! FASTEST CUTTING! LONGEST LASTING

HEAT TREATED FOR MAXIMUM CUTTING SPEED AND ABRASION RESISTANCE

1/2" UNIVERSAL TANG

CATALOG NUMBER (POUCH)	QTY. PER (POUCH)	CATALOG NUMBER (PACK)	QTY. PER (PACK)	NEW 50 PER BOX CATALOG NUMBER (BOX)	QTY. PER (BOX)	TEETH PER INCH	LGTH. (INS.)	RECOMMENDED FOR CUTTING
WOOD CUTTING BLADES for cutting wood, nail embedded wood, all purpose, general roughing-in								
48-01-3031	5	48-02-3031	2	48-01-4031	50	5/8	6	Fast cutting, nail embedded wood, general roughing-in.
48-01-3035	5	48-02-3035	2	48-01-4035	50	6	6	Fast cutting curves in nail embedded wood, general roughing-in.
48-01-3036	5	48-02-3036	2	48-01-4036	50	6	9	Very fast cutting, nail embedded wood, general roughing-in.
48-01-3037	5	48-02-3037	2	48-01-4037	50	6	12	Very fast cutting, nail embedded wood, general roughing-in.
48-01-3041	5	48-02-3041	2	—		4/6	6	Shearing action—Very fast cutting, circles, contours, nail embedded wood.
WOOD CUTTING BLADES for cutting wood, nail embedded wood, composition materials								
48-01-1011	5	—		—		6	3-1/2	Fast cutting, all woods, nail embedded, composition materials.
48-01-1012	5	—		—		6	6	Fast cutting, all woods, nail embedded, composition materials.
METAL CUTTING BLADES for cutting metal, scroll cutting								
48-01-1161	5	48-02-1161	2	—		10	3-5/8	Metal Scroll—Heavy gauge metal, hard rubber, fiber.
48-01-1162	5	48-02-1162	2	—		14	3-5/8	Metal Scroll—Heavy gauge metal, hard rubber, fiber.
48-01-1163	5	—		—		18	3-5/8	Metal Scroll—Metal thinner than 1/8" thick.
METAL CUTTING BLADES for heavy gauge metal								
48-01-1181	5	—		48-01-4181	50	14	4	Heavy gauge metal, bar stock 1/8" and above, angles, hard rubber.
48-01-1182	5	48-02-1182	2	48-01-4182	50	14	6	Heavy gauge metal, bar stock 1/8" and above, angles, fiber, hard rubber.
48-01-1183	5	—		48-01-4183	50	18	4	Heavy gauge metal, conduit, tubing, channels, pipe, general use.
48-01-1184	5	48-02-1184	2	48-01-4184	50	18	6	Heavy gauge metal, conduit, tubing, channels, pipe, general use.
48-01-1185	5	—		48-01-4185	50	24	4	Metal and pipe 18 ga. and under, trim, tubing.
48-01-1186	5	48-02-1186	2	—		24	6	Metal and pipe 18 ga. and under, trim, tubing.
ALL PURPOSE BLADES for cutting wood, nail embedded wood, plastics, metals, cast iron								
48-01-3090	5	—		—		10	3-1/2	All woods, nail embedded, composition materials, plastic, cast aluminum, light gauge non-ferrous metals.
48-01-3092	5	—		—		10	6	All woods, nail embedded, composition materials, plastic, cast aluminum, light gauge non-ferrous metals.
48-01-3093	5	48-02-3093	2	—		10/14	8	All woods, nail embedded, composition materials, plastic, cast aluminum, light gauge non-ferrous metals, cast iron.
48-01-3094	5	—		—		10/14	12	Extra Length—All woods, nail embedded, composition materials, plastic, cast aluminum, light gauge non-ferrous metals, cast iron.

BI-METAL

FUNCTIONAL PACKAGING

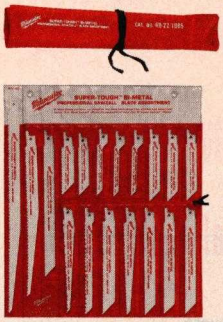
5 BLADE POUCH

- Packaged in reusable see-through plastic pouch for quick selection. • Package has pre-punched hole at top for hanging. • Five blades per pack on all types. • Blade application data printed on back of pouch.

2 BLADE PACK

- Attractive 2 Blade blister package allows for easy removal of one blade at a time.
- Blade application data clearly printed on front and back of each package.

SUPER-TOUGH™ BI-METAL SAWZALL® BLADES



BI-METAL SAWZALL PROFESSIONAL BLADE ASSORTMENT NO. 49-22-1085

Folding, vinyl sleeve holds one each of the 18 Super-Tough Bi-Metal Sawzall Blades. 18 Super-Tough blades are equivalent to more than 60 regular Sawzall blades. Measures 11" × 12-3/4".

CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
48-01-1011	Wood Cutting	48-01-1185	Metal Cutting
48-01-1012	Wood Cutting	48-01-3031	Wood Cutting
48-01-1161	Metal Scroll Cutting	48-01-3035	Wood Cutting
48-01-1162	Metal Scroll Cutting	48-01-3036	Wood Cutting
48-01-1163	Metal Scroll Cutting	48-01-3037	Wood Cutting
48-01-1181	Heavy Metal Cutting	48-01-3041	Wood Cutting
48-01-1182	Heavy Metal Cutting	48-01-3090	All Purpose
48-01-1183	Heavy Metal Cutting	48-01-3092	All Purpose
48-01-1184	Heavy Metal Cutting	48-01-3093	All Purpose

BI-METAL SAWZALL BLADE ASSORTMENT NO. 49-22-1125

Tough, reusable, vinyl protective pouch; see through for instant blade identification. Assortment of 7 Bi-Metal Sawzall Blades for wood, metal and nail embedded wood. One each of Nos. 48-01-(1161, 1162, 1182, 1184, 3031, 3035, 3041). Selector chart imprinted on back of pouch.

NO. 49-22-1075 includes: 62 Bi-Metal Sawzall Blade packages, a sturdy, pre-drilled display for easy mounting on your pegboard, pegboard hooks and mounting snaps.

BI-METAL SAWZALL BLADE MERCHANDISER NO. 49-22-1075

● COMPACT (24" × 18") display ● PLAN-A-GRAM pegboard display—mounts on your pegboard, freeing up counter and floor space ● Displays 20 of MILWAUKEE's Bi-Metal Sawzall blades shown in chart below—62 packages total ● See through vinyl pouches display product and are reusable ● Blade information printed on the blade and reverse side of each pouch

CATALOG NUMBER	BLADES PER PKG.	NO. OF PKGS.	CATALOG NUMBER	BLADES PER PKG.	NO. OF PKGS.	CATALOG NUMBER	BLADES PER PKG.	NO. OF PKGS.
48-01-1011	5	1	48-01-1183	5	3	48-01-3037	5	5
48-01-1012	5	1	48-01-1184	5	7	48-01-3041	5	7
48-01-1161	5	1	48-01-1185	5	1	48-01-3090	5	1
48-01-1162	5	2	48-01-1186	5	1	48-01-3092	5	3
48-01-1163	5	3	48-01-3031	5	7	48-01-3093	5	2
48-01-1181	5	2	48-01-3035	5	7	48-01-3094	5	1
48-01-1182	5	6	48-01-3036	5	1			

SAWZALL and JIG SAW BI-METAL BLADE MERCHANDISER NO. 49-22-1130

TWO BLADE PACKS!

Compact plan-a-gram display includes 16 types of MILWAUKEE's Super-Tough Bi-Metal Blades; 11 types of Sawzall and 5 types of Jig Saw blades. A total of 47 packages are included in a pre-selected mix. Striking display prominently features a MILWAUKEE Sawzall and Jig Saw and complete reorder information. Mounts on your pegboard, freeing up counter and floor space.

QTY.	CATALOG NUMBER	TYPE—SAWZALL	T.P.I.	LENGTH	QTY.	CATALOG NUMBER	TYPE—JIG SAW	T.P.I.	LENGTH
2	48-02-1161	Metal Scroll	10	3-5/8"	3	48-42-4120	Metal	18	2-3/4"
2	48-02-1162	Metal Scroll	14	3-5/8"	3	48-42-4160	Metal	21	2-3/4"
4	48-02-1182	Metal	14	6"	3	48-42-4190	Metal	12	3-5/8"
4	48-02-1184	Metal	18	6"	3	48-42-4300	Wood	6	4-1/8"
2	48-02-1186	Metal	24	6"	3	48-42-4310	Wood	10	4-1/8"
4	48-02-3031	Wood	5/8	6"					
3	48-02-3035	Wood	6	6"					
3	48-02-3036	Wood	6	9"					
3	48-02-3037	Wood	6	12"					
2	48-02-3041	Wood	4/6	6"					
3	48-02-3093	Wood/Metal	10/14	8"					

SAWZALL BLADE MERCHANDISERS

Both units feature greater blade visibility. Order either the General Sawzall Blade Merchandiser NO. 49-22-1065 which includes 22 blade varieties (171 total blades) or the Bi-Metal Sawzall Blade Merchandiser NO. 49-22-1040 with 19 different Bi-Metal blades (95 total blades.) Each includes socket wrench and screw kit. Merchandiser is an attractive wood cabinet with an unbreakable plastic cover and shelves in the back for handy blade storage. Complete unit measures only 15" deep, 15" wide and 16" high. Blades are displayed in removable plastic trays. Tray and Blades Only are available for each merchandiser at a reduced price to convert your older Sawzall Blade Merchandiser to the new blade selections. Separate, lower cost, Blade Only refills are also offered. See selections below.

BI-METAL SAWZALL BLADE MERCH. NO. 49-22-1040
BLADE ONLY REFILL—NO. 49-22-1033
BLADE REFILL WITH TRAY—NO. 49-22-1045

CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES
48-01-1011	5	48-01-1181	5	48-01-1186	5	48-01-3041	5
48-01-1012	5	48-01-1182	5	48-01-3031	5	48-01-3090	5
48-01-1161	5	48-01-1183	5	48-01-3035	5	48-01-3092	5
48-01-1162	5	48-01-1184	5	48-01-3036	5	48-01-3093	5
48-01-1163	5	48-01-1185	5	48-01-3037	5	49-22-5050	1

SAWZALL BLADE MERCH. NO. 49-22-1065
BLADE ONLY REFILL—NO. 49-22-1053
BLADE REFILL WITH TRAY—NO. 49-22-1056

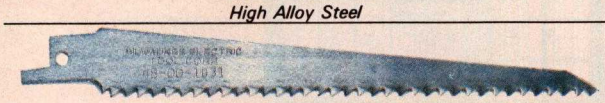
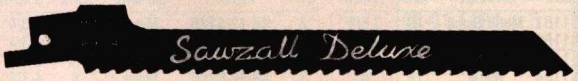
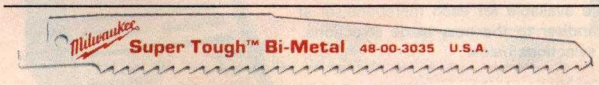
CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES
48-00-1031	5	48-00-1064	10	48-00-1179	10	48-00-2170	10
48-00-1032	5	48-00-1102	10	48-00-1181	10	48-00-3031	5
48-00-1033	5	48-00-1162	10	48-00-1182	10	48-00-3035	5
48-00-1041	5	48-00-1172	10	48-00-1183	10	48-00-3041	5
48-00-1042	3	48-00-1174	10	48-00-1184	10	49-22-5050	1
48-00-1052	10	48-00-1176	10	48-00-1420	3		

SAWZALL BLADE SELECTION CONTINUED ON PAGES 58, 59

HEAVY-DUTY SAWZALL® BLADES

CUSTOM MILLED TEETH, SET AND HARDENED FOR MAXIMUM PERFORMANCE
- 1/2" UNIVERSAL TANG FOR RECIPROCATING SAWS
- SOLD IN BOX LOTS ONLY—SEE QUANTITY PER BOX COLUMN

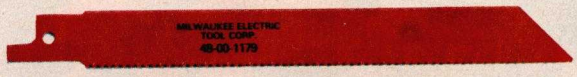
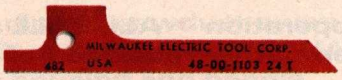
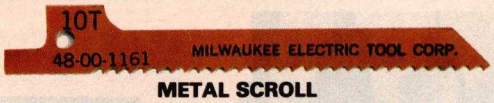
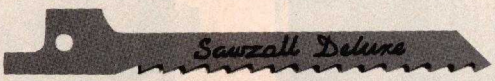
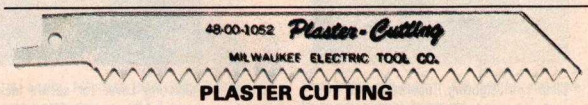
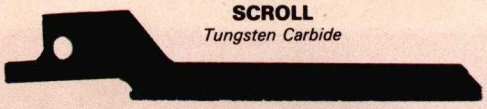
WOOD CUTTING BLADES for cutting wood, nail embedded wood, all purpose, general roughing-in

	CATALOG NUMBER (BOX)	TEETH PER INCH	LENGTH INCHES	QTY. PER BOX	RECOMMENDED FOR CUTTING
ZIP CUT *High Alloy Steel*	48-00-1002	3	6	10	Nail free woods...fastest cutting...fully hardened to withstand roughest sawing. Teeth, fleam sharpened to shear, not tear wood fibers. Canted shank provides for faster feed, deeper cut and ideal return stroke clearance.
TUFF BACK *High Alloy Steel*	48-00-1012	6	6	10	Nail embedded woods and composition materials
	48-00-1014	10	6	10	For all woods...nail embedded woods, composition materials and light gauge non-ferrous metals
	48-00-2013	18	12	5	Nail embedded woods...for opening crates, boxes, removing wood siding and shingles
SPRING BACK *High Alloy Steel*	48-00-1022	6	6	5	All woods including nail embedded woods. Hardened and tempered to resist bend or twist. Even after severe twist, blade springs right back to its original shape.
	48-00-1024	10	6	5	
 **GENERAL PURPOSE** *Spring Steel*	48-00-1031	7	6	5	General roughing-in work in wood and nail embedded woods
	48-00-1032	7	12	5	
	48-00-1033	7	9	5	
GENERAL PURPOSE *Spring Steel*	48-00-1035	6	6	10	General roughing-in work in wood and nail embedded woods. Thinner and harder than 1031 series for faster cuts.
	48-00-1036	6	9	10	
 **SAWZALL DELUXE** *Spring Steel*	48-00-1041	6	6	5	Wood cutting...shear tooth design...fleam sharpened for shearing action...very fast cutting, long blade life.
	48-00-1042	6	12	3	
	48-00-1043	6	9	4	
ALL PURPOSE *Band Saw Steel*	48-00-1062	6	6	10	For nail free woods, plywood and fiberboard...A general purpose economy type blade.
	48-00-1064	10	6	10	Nail embedded woods, plywood and insulating board. Can also be used for cutting Transite. Blade edge hardened.
 **Bi-Metal**	48-00-3035	6	6	5	Very fast cutting in wood or nail embedded woods. General roughing-in work.
	48-00-3036	6	9	5	
	48-00-3037	6	12	5	
Bi-Metal	48-00-3031	5/8	6	5	Fast cutting in wood or nail embedded woods. General roughing-in work.
Bi-Metal	48-00-3041	4/6	6	5	Very fast cutting in wood or nail embedded woods. Shear tooth design/fleam sharpened for shearing action

HEAVY-DUTY SAWZALL® BLADES

CUSTOM MILLED TEETH, SET AND HARDENED FOR MAXIMUM PERFORMANCE
- 1/2" UNIVERSAL TANG FOR RECIPROCATING SAWS
- SOLD IN BOX LOTS ONLY—SEE QUANTITY PER BOX COLUMN

METAL CUTTING BLADES and SPECIAL PURPOSE BLADES

	CATALOG NUMBER (BOX)	TEETH PER INCH	LENGTH INCHES	QTY. PER BOX	RECOMMENDED FOR CUTTING
 **METAL CUTTING** *High Speed Steel*	48-00-2175	10	8	5	Steel or copper pipe to 4" dia., and also metal decking materials.
	48-00-1171	14	2-1/2	10	Metal heavier than 1/8" thick, angles, bar stock, hard rubber and fiber.
	48-00-1172	14	4	10	
	48-00-1179	14	6	10	
	48-00-1173•	18	2-1/2	10	Heavy gauge metals, conduit, pipe, channels and tubing
	48-00-1174•	18	4	10	
	48-00-2170•	18	6	10	
	48-00-1175•	24	2-1/2	10	Metals lighter than 18 gauge sheet, trim and tubing.
	48-00-1176•	24	4	10	
	48-00-2171•	24	6	10	
	48-00-1177	32	2-1/2	10	Very light gauge metals...sheet trim and tubing.
	48-00-1178	32	4	10	
BI-METAL	48-00-1180	10	4	10	Heavy gauge metals, cast iron, angles, bar stock 1/8" thick and above. Hard rubber. Fast cutting high speed steel teeth welded to a flexible alloy steel back for high resistance to breakage.
	48-00-1181	14	4	10	
	48-00-1182	14	6	10	
	48-00-1183•	18	4	10	Same characteristics as 1180, 1181, 1182 except finer teeth for fast cutting of metals 18 gauge to 1/8" thick, conduit, pipe, channels and tubing.
	48-00-1184•	18	6	10	
	48-00-1185•	24	4	10	
 **METAL SCROLL** *Bi-Metal*	48-00-1101	14	2-1/2	10	Scroll cutting metals. 14 tooth for 1/8" and over. 18 tooth—18 ga. to 1/8". 24 tooth—Lighter than 18 ga.
	48-00-1102•	18	2-1/2	10	
	48-00-1103•	24	2-1/2	10	
	• Some Varieties of stainless steel can be cut with these blades.				
 **METAL SCROLL** *Bi-Metal*	48-00-1161	10	3-5/8	10	Heavy gauge metal, hard rubber and fiber.
	48-00-1162	14	3-5/8	10	
 **WOOD SCROLL** *See Chart*	48-00-1121	6	3-5/8	5	Sawing intricate shaped and scroll cuts in wood and synthetic structural materials. (1121) a carbon steel economy blade (Gray). (1151) a high speed steel Deluxe blade (Black).
	48-00-1151	6	3-5/8	5	
	48-00-1141	7	3-5/8	10	Rough cutting irregular contours in wood, fiberboard and asphalt. Spring steel blade (Black).
 **PLASTER CUTTING** *High Alloy Steel*	48-00-1051	6	3-1/2	10	For plaster, plaster with metal lath, plasterboard. Cuts on both forward and backward strokes.
	48-00-1052	6	6	10	
 **SCROLL** *Tungsten Carbide*	48-00-1410†	GRIT	3-1/2	3	Medium grit: for brick, carbon, claypipe, chalkboard, plywood, hardwood veneer plywood.
	† With 2-speed and trigger control SAWZALL® use slower speeds.				
TUNGSTEN CARBIDE	48-00-1400†	GRIT	4	3	Coarse grit: for fiberglass (epoxies, polyesters, silicones, melamines).
	48-00-1420†	GRIT	6	3	Nail embedded wood, plaster with nails and cement.
PRUNING *High Alloy Steel*	48-00-1302	6	12	5	Pruning trees, smooth sawing green woods. Deep tooth design, fleam filed. Clean cuts wood fibers.

WRENCH, SCREW AND CLAMP KIT
NO. 49-22-5080 Consists of 10 blade clamp screws, 2 blade clamps and 2 socket wrenches.

WRENCH AND SCREW KIT
NO. 49-22-5050 Consists of 25 socket wrenches and 50 blade clamp screws.

BLADE CLAMP ONLY
NO. 42-68-0073

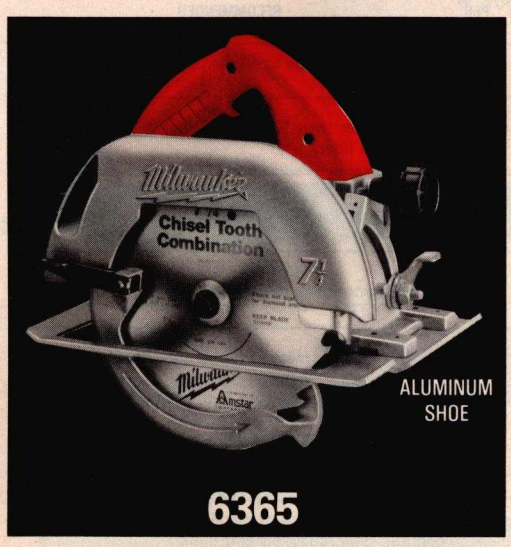
BLADE CLAMP SCREW ONLY
NO. 06-75-2400

BLADE CLAMP WRENCH
NO. 49-96-0070

RUBBER FLEX WRENCH HOLDER
NO. 48-66-4080

HEAVY-DUTY 7-1/4"

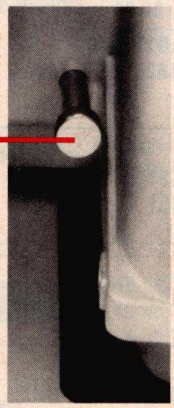
PREFERRED BY PROFESSIONALS

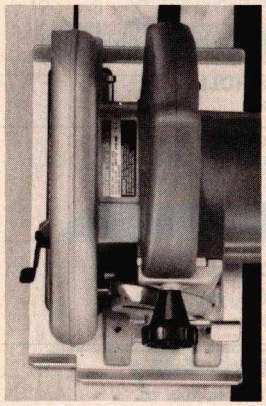


• LIGHTWEIGHT 11-1/2 lbs. • BALANCED for ease of operation • ALL BALL and ROLLER BEARINGS • LOWER GUARD contour lip designed for smoother retraction of lower guard when cutting angles • HEAVY-DUTY CONSTRUCTION

FEATURES

SPINDLE LOCK FOR FAST EASY BLADE REMOVAL





Clear Line Sighting...operator sees exactly where blade will cut.

Adjusting Lever for secure locking-in on cuts of 90° through 45° angles. Factory Adjusted Stops at 90° and 45°.

SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	SAW TYPE	VOLTS AC-DC	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°
7-1/4"	**6365**	CONTRACTORS SAW	120	13.0	5800	5/8"	2-3/8"
7-1/4"	**6366**	CONTRACTORS SAW	120	13.0	5800	5/8"	2-3/8"
7-1/4"	**6368**	CONTRACTORS SAW	120	13.0	5800	5/8"	2-3/8"
7-1/4"	**6367**	CONTRACTORS SAW (DOUBLE INSULATED)	120	13.0	5800	5/8"	2-3/8"

ACCESSORIES

STEEL CARRYING CASE NO. 48-55-1150

RIP FENCE KIT Includes Two Wing Screws No. 06-88-0110 **NO. 49-22-4150**

9/16" Utility Wrench **NO. 49-96-6200**

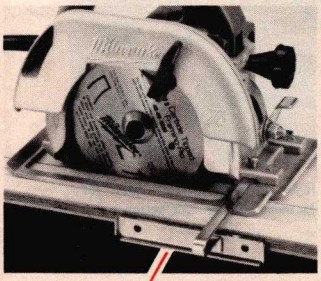
1 Lb. Can "O" Grease **NO. 49-08-4200**

For Super Fast, Super Smooth Cutting, Long Lasting... Use

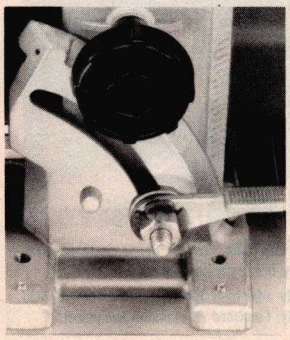
13 AMP CIRCULAR SAWS

FOR POWER AND PERFORMANCE

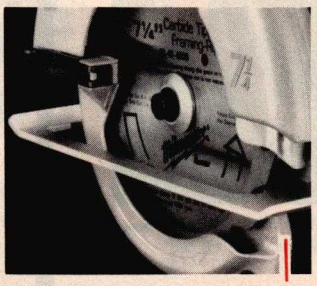
• AIRFLOW directs sawdust away from line of cut • 9′ CORD length to prevent plug from catching on 8′ paneling • EXTERNAL BRUSHES • STRONG—NON-CONDUCTIVE glass reinforced nylon housing and handle



Rip Guide is easily attached and held firmly. Available as an accessory.



One knob adjustment for height and one lever adjustment for angle.



Quick return, heavy-duty safety telescoping guard for smooth easy action. Wide lip on guard minimizes wear of rubber bumper.

Heavy-Duty Rigid Aluminum Shoe with angled ends for added stiffness. Double insulated model has steel shoe.

MAX. DEPTH OF CUT AT 45°	NET WEIGHT LBS.	SHP. WEIGHT LBS.	STANDARD EQUIPMENT
1-25/32″	11-1/2	16-1/2	Combination/Rip Saw Blade and 9/16″ Wrench.
1-25/32″	11-1/2	16-1/2	Carbide Tipped Framing—Rip Saw Blade, 9/16″ Wrench and Rip Fence.
1-25/32″	11-1/2	26-1/2	Steel Carrying Case, Carbide Tipped Framing—Rip Saw Blade, 9/16″ Wrench and Rip Fence.
1-25/32″	12	17	Combination/Rip Saw Blade and 9/16″ Wrench.

Milwaukee®

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

CARBIDE TIPPED BLADES

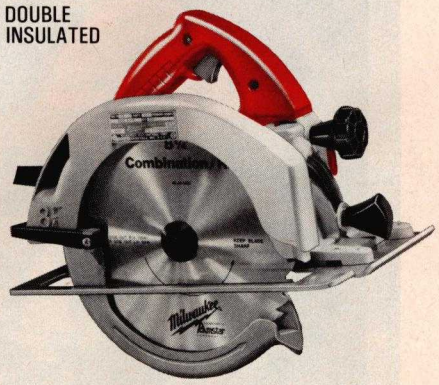
SEE PAGES 64, 65

HEAVY-DUTY CIRCULAR SAWS

8-1/4"

13 AMP MOTOR

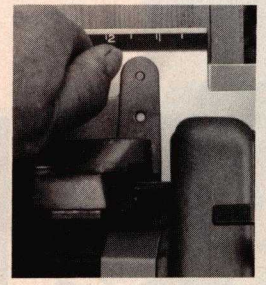
6405
6407 DOUBLE INSULATED



- ALL BALL and ROLLER BEARINGS
- SERVICEABLE EXTERNAL BRUSHES
- QUICK RETURN HEAVY-DUTY SAFETY TELESCOPING GUARD

STEEL CARRYING CASE NO. 48-55-1150

1 Lb. Can "E" Grease
NO. 49-08-4121
9/16" Utility Wrench
NO. 49-96-6200



Clear Line Sighting...operator sees exactly where blade will cut.

RIP FENCE KIT
NO. 49-22-4150
Includes Two Wing Screws No. 06-88-0110

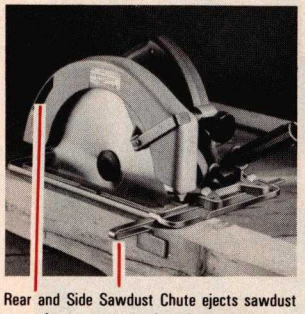
10-1/4"

15 AMP MOTOR

6460

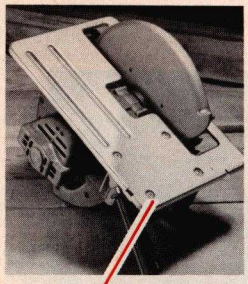
POWERFUL 10-1/4" SAW WILL CUT, RIP 4 × 4 LUMBER

- ALL BALL and ROLLER BEARINGS
- SERVICEABLE EXTERNAL BRUSHES
- QUICK RETURN HEAVY-DUTY SAFETY TELESCOPING GUARD



Rear and Side Sawdust Chute ejects sawdust away from operator and work.

Easily adjustable Rip Guide attached and held firmly. Furnished as standard equipment.



Rigid Steel Wrap-Around Shoe for Maximum strength and accuracy.

STEEL CARRYING CASE
NO. 48-55-1170
1 Lb. Can "E" Grease
NO. 49-08-4121

RIP FENCE KIT
NO. 49-02-0080
Includes Two Wing Screws No. 06-88-0110

SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	VOLTS AC-DC	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°	MAX. DEPTH OF CUT AT 45°	NET WEIGHT LBS.	SHP. WEIGHT LBS.
8-1/4"	**6405**	120	13.0	5800	5/8"	2-15/16"	2-1/8"	13	18
8-1/4"	**6407●**	120	13.0	5800	5/8"	2-15/16"	2-1/8"	13	18
10-1/4"	**6460**	120	15.0	5200	3/4"	15/16" to 3-15/16"	5/8" to 2-7/8"	19-1/2	38

● Double Insulated.

STANDARD EQUIPMENT: FOR 6405 and 6407 – Combination/Rip Saw Blade and 9/16" Wrench.
FOR 6460 – Steel Carrying Case, 9/16" Utility Wrench, Rip Fence, Combination/Rip Saw Blade and Auxiliary Handle.

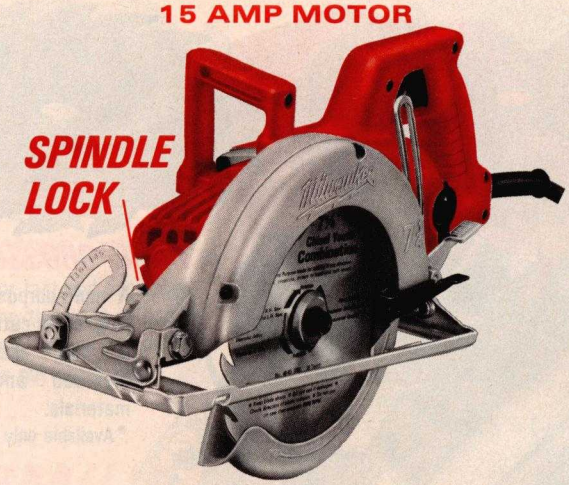
For Super Fast, Super Smooth Cutting, Long Lasting... Use

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY WORM DRIVE SAWS

6377
7-1/4"
15 AMP MOTOR

6378
8-1/4"
15 AMP MOTOR

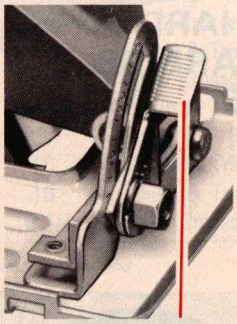


SPECIFICALLY DESIGNED FOR TOUGHEST APPLICATIONS

UP TO 1" LUMBER CAN BE USED FOR AN EDGE GUIDE ON EITHER SIDE OF SHOE WHEN RIPPING LARGE PANELS

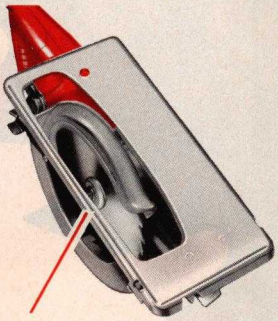
ALL BALL and ROLLER BEARINGS

STEEL CARRYING CASE
NO. 48-55-1101



Fast positive miter adjustments.

Brush holders with positive brush stop — prevents possible damage of commutator.



Rigid steel wrap around shoe for maximum strength and accuracy.

RIP FENCE KIT
NO. 49-22-4210
Includes Screw No. 06-87-2450.

WORM DRIVE SAW OIL
NO. 49-32-0050 1/2 Pt. Oil
NO. 49-32-0060 1 Pt. Oil
NO. 49-32-0070 1/2 Gal. Oil

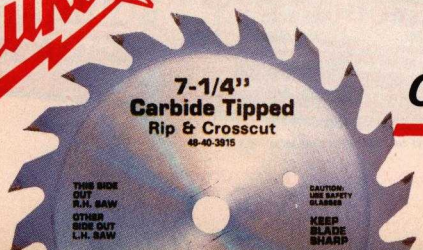
MISCELLANEOUS
9/16" Wrench
NO. 49-96-6200

SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	VOLTS AC-DC	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°	MAX. DEPTH OF CUT AT 45°	NET WEIGHT LBS.	SHP. WEIGHT LBS.
7-1/4"	**6377**	120	15.0	4400	DIAMOND	0 to 2-3/8"	0 to 1-7/8"	16-3/4	19-3/4
8-1/4"	**6378**	120	15.0	4400	DIAMOND	0 to 2-7/8"	0 to 2-1/4"	17-1/4	20-1/4

STANDARD EQUIPMENT: Both models—Combination Blade and 9/16" Wrench.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



CARBIDE TIPPED BLADES

SEE PAGES 64, 65

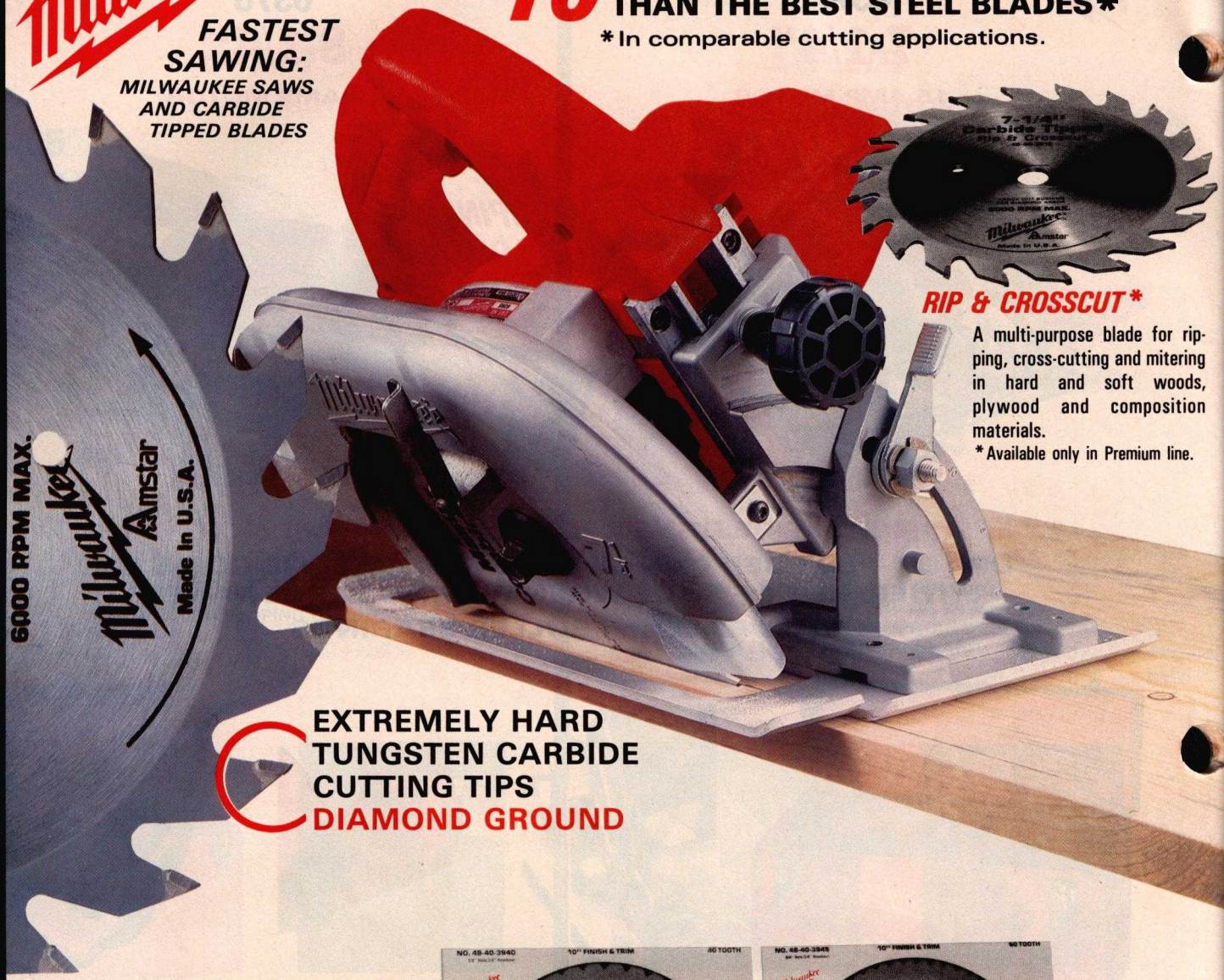
HEAVY-DUTY CARBIDE TIPPED CIRCULAR SAW BLADES

CARBIDE TIPPED BLADES STAY SHARP

10 TIMES LONGER THAN THE BEST STEEL BLADES*

*In comparable cutting applications.

FASTEST SAWING: MILWAUKEE SAWS AND CARBIDE TIPPED BLADES



RIP & CROSSCUT*

A multi-purpose blade for ripping, cross-cutting and mitering in hard and soft woods, plywood and composition materials.

*Available only in Premium line.

EXTREMELY HARD TUNGSTEN CARBIDE CUTTING TIPS DIAMOND GROUND

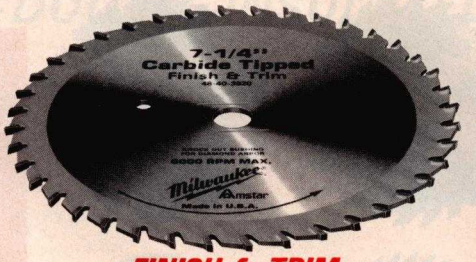
PREMIUM QUALITY CARBIDE TIPPED CIRCULAR SAW BLADE CENTER

NO. 49-22-1220

Display contains two blades each of Nos. 48-40-3915 and 48-40-3920 and one each of other blades shown on page 65 in PREMIUM QUALITY chart.

- **SPACE SAVING STEP OUT DISPLAY** HOLDS UP TO 48 BLADES.
- **3 TYPES OF CARBIDE TIPPED BLADES** OFFERED IN 6 SIZES IN REUSABLE BLADE PACKAGING.
- **COMPACT UNIT FOR WALL OR COUNTER TOP** MEASURES ONLY 20-1/2" WIDE × 17-1/2" HIGH × 8-1/2" DEEP.

4 BASIC CARBIDE TIPPED BLADE TYPES



FRAMING—RIP

Designed for fast and accurate ripping along the grain in hard or soft woods where a smooth cross cut is not necessary.

PLYWOOD—VENEER*

Recommended for cutting plywood, composition materials and all types of wood where a slightly smoother finish is needed.

* Available only in Contractors line.

FINISH & TRIM

Especially designed for cross-cutting and mitering in materials where a very smooth cut is necessary, also cuts aluminum and other non-ferrous metals.

PREMIUM QUALITY

MILWAUKEE'S HIGHEST QUALITY BLADE FOR THE PROFESSIONAL USER. PREMIUM QUALITY STEEL AND CARBIDE, PRECISION GROUND AND TEMPERED.

CATALOG NUMBER	BLADE DIA. INCHES	DESCRIPTION	NUMBER OF TEETH	ARBOR HOLE INCHES
48-40-3900	6-1/2	Rip & Crosscut	20	5/8◆
48-40-3905	6-1/2	Finish & Trim	40	5/8◆
48-40-3910	7-1/4	Framing—Rip	12	5/8◆
48-40-3915	7-1/4	Rip & Crosscut	20	5/8◆
48-40-3920	7-1/4	Finish & Trim	40	5/8◆
48-40-3925	8-1/4	Rip & Crosscut	24	5/8◆
48-40-3930	8-1/4	Finish & Trim	40	5/8◆
48-40-3935	9	Finish & Trim	40	5/8
48-40-3940	10	Finish & Trim	40	5/8
48-40-3945	10	Finish & Trim	60	5/8
48-40-3950	10-1/4	Rip & Crosscut	28	5/8-3/4

◆ 5/8" arbor hole with knockout for diamond arbor.

CONTRACTORS QUALITY

A HIGH QUALITY, OUTSTANDING VALUE BLADE FOR HEAVY-DUTY, VOLUME CUTTING

Carbide Tipped for long lasting and fast cutting. Carbide teeth electronically fused to blade for a strong bond. Available in 16, 20, 24, 30 and 40 teeth to cut a variety of materials: Transite, Masonite, Formica, siding and roofing.

CATALOG NUMBER	BLADE DIA. INCHES	DESCRIPTION	NUMBER OF TEETH	ARBOR HOLE INCHES
48-40-4000	7-1/4	Framing—Rip	16	5/8◆
48-40-4010	7-1/4	Plywood—Veneer	30	5/8◆
48-40-4020	8-1/4	Framing—Rip	20	5/8◆
48-40-4030	10	Framing—Rip	24	5/8 Hole
48-40-4040	10	Finish & Trim	40	5/8 Hole

◆ 5/8" arbor hole with knockout for diamond arbor.

10 PACK BULK FRAMING—RIP BLADES WITH DISPLAY RACK
NO. 48-40-4001

Extraordinary value! 10 bulk-packaged No. 48-40-4000 Framing—Rip Blades with attractive rack for counter or pegboard display.

BLADE REFILL ONLY NO. 48-40-4002
10 bulk-packaged Framing—Rip Blades for Display Rack.

STANDARD QUALITY

UTILITY CARBIDE TIPPED BLADES

CATALOG NUMBER	BLADE DIA. INCHES	SAW BLADE	NUMBER OF TEETH	ARBOR HOLE INCHES
48-40-3725	7-1/4	CARBIDE TIPPED	24	5/8◆
48-40-3825	8-1/4		24	5/8◆

◆ 5/8" arbor hole with knockout for diamond arbor.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY CIRCULAR SAW BLADES HIGH SPEED STEEL

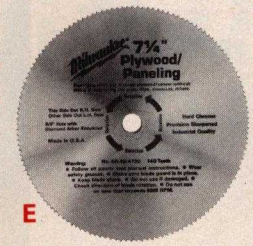
• PRECISION SHARPENED • CHROME PLATED • SMOOTH CUTTING

A

B

C

D



E

F

G

H

SKIN PACKAGED WITH INSTRUCTIONS AND COMPLETE SELECTION OF BLADES AVAILABLE PRINTED ON BACK

		CATALOG NUMBER	NUMBER OF TEETH	BLADE DIA. INCHES	ARBOR HOLE INCHES
A	***CHISEL TOOTH COMBINATION*** Free cutting general purpose blade for cutting in any direction. Rips, crosscuts, miters on both hard and soft woods.	48-40-1653	24	6-1/2	5/8◆
		48-40-1722	26	7	5/8
		48-40-1752	26	7-1/4	5/8◆
		48-40-1755	26	7-1/4	Diamond
		48-40-1760	26	7-1/2	5/8◆
		48-40-1812	28	8	5/8◆
		48-40-1822	26	8-1/4	5/8◆
		48-40-1823	26	8-1/4	Diamond
B	***MASTER COMBINATION*** An all-purpose blade for smooth, fast cutting. Cuts crosscut, rip, miters for general use.	48-40-1650	60	6-1/2	5/8◆
		48-40-1725	60	7-1/4	5/8◆
C	***COMBINATION/RIP*** Most popular all-purpose blade—smooth, fast cutting in frame work, etc.—cut-off, ripping, mitering.	48-40-1740	40	7-1/4	5/8◆
		48-40-1820	44	8	5/8◆
		48-40-1825	40	8-1/4	5/8◆
		48-40-1835	44	10-1/4	3/4
D	***CROSSCUT/FLOORING*** Cuts hardwoods, flooring and crating fast. Close-set teeth produce smooth-finish and hold edge longer when encountering nails.	48-40-5755	100	7-1/4	5/8◆
		48-40-5805	100	8, 8-1/4	5/8◆
E	***PLYWOOD/PANELING*** Fine, extra clean cutting through plywood and veneer without lifting and splintering the grain. Rips, crosscuts, miters.	48-40-4655	150	6-1/2	5/8◆
		48-40-4720	140	7-1/4	5/8◆
		48-40-4800	180	8, 8-1/4	5/8◆
F	***HOLLOW GROUND PLANER*** Makes satin-smooth finish cuts on all solid woods. Crosscuts, rips, miters—a professional quality blade for use in cabinet work, furniture, etc.	48-40-7656	48	6-1/2	5/8◆
		48-40-7725	60	7-1/4	5/8◆
		48-40-7800	64	8, 8-1/4	5/8◆
G	***THIN RIM PLYWOOD/PANELING*** Finest blade for satin-smooth finish on plywood, veneers, laminates, Plexiglass and other thin materials. Use for cross-cutting and mitering on cabinet and finish work.	48-40-4700	200	7	5/8
		48-40-4725	200	7-1/4	5/8◆
		48-40-4726	156	7-1/4	5/8◆
H	***METAL CUTTING*** For cutting ferrous metals: sheet metal work, corrugated steel roofing, siding and partition studding to 1/8" thickness. Also cuts aluminum, magnesium, copper, brass.	48-40-6661	144	7, 7-1/4	5/8◆

◆5/8" arbor hole with knockout for diamond arbor.

HEAVY-DUTY ABRASIVE CUTTING WHEELS

A

B

		CATALOG NUMBER	WHEEL DIA. INCHES	ARBOR HOLE INCHES
A	***FOR STONE OR CONCRETE*** Safety reinforced nylon...bonded of uniform grit and break resistant.	49-92-4310	7	5/8
		49-92-4370	7-1/4	Diamond
		49-92-5000	8	5/8
		49-92-5005	8	Diamond
		49-92-5410	10	3/4
B	***FOR METAL*** Safety reinforced nylon...bonded of uniform grit and break resistant.	49-92-4300	7	5/8
		49-92-4380	7-1/4	Diamond
		49-92-5010	8	5/8
		49-92-5015	8	Diamond
		49-92-5400	10	3/4

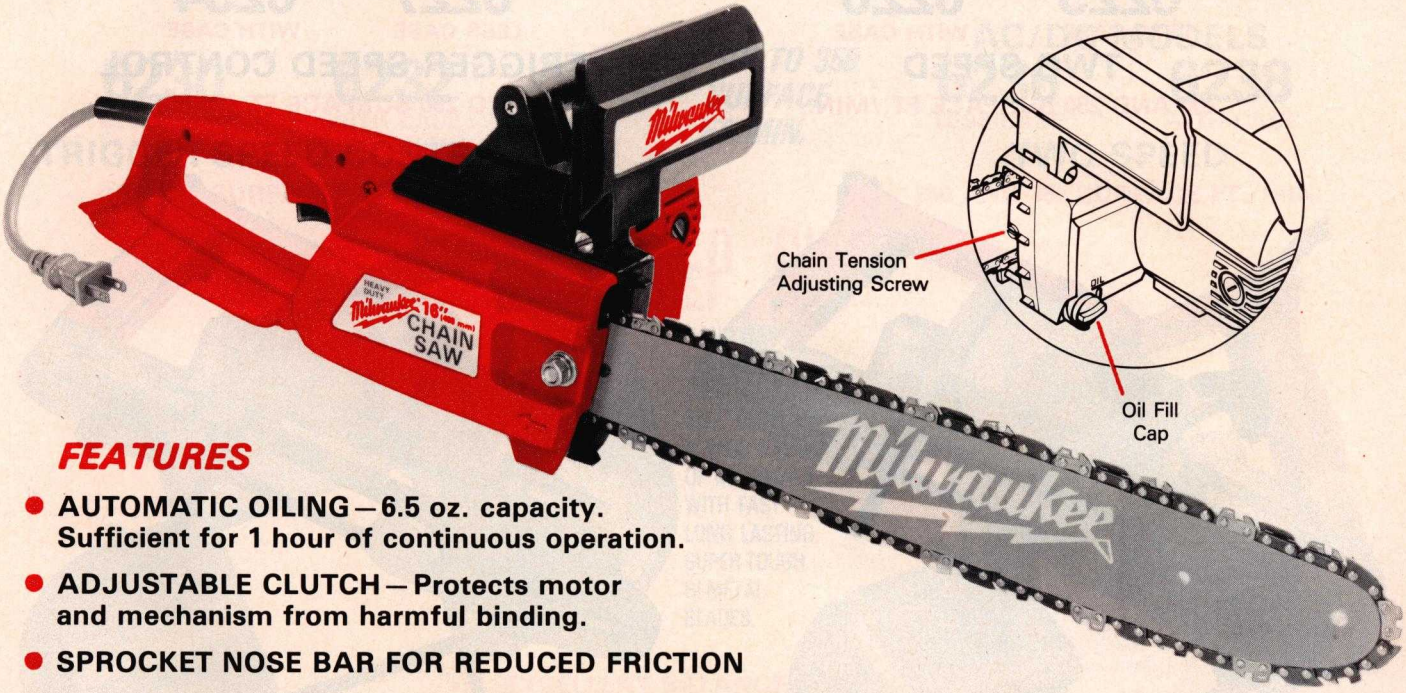
HEAVY-DUTY ELECTRIC CHAIN SAW

16"BAR • 1850 FEET PER MINUTE CHAIN SPEED

POWERFUL 2.25 H.P. MOTOR—DOUBLE INSULATED

- **LIGHTWEIGHT**
- **QUIET, SMOOTH RUNNING MOTOR**
- **INSTANT STARTING EVEN IN FREEZING TEMPERATURES**
- **NO FLAMMABLE FUEL REQUIRED—NO ENGINE EXHAUST**

6215



FEATURES

- **AUTOMATIC OILING—6.5 oz. capacity. Sufficient for 1 hour of continuous operation.**
- **ADJUSTABLE CLUTCH—Protects motor and mechanism from harmful binding.**
- **SPROCKET NOSE BAR FOR REDUCED FRICTION**
- **HANDGUARD ACTUATED BRAKE WITH RESETABLE LOCKOUT SWITCH**
- **LOW KICKBACK BAR AND CHAIN COMBINATION**
- **CONVENIENT BRUSH REPLACEMENT**
- **EASY CHAIN ADJUSTMENT—Simply loosen one nut and adjust.**

SPECIFICATIONS

CATALOG NUMBER	BAR SIZE	VOLTS	AMPS	CHAIN SPEED	OIL TANK CAPACITY	NET WEIGHT	SHIPPING WEIGHT
6215	16" (406mm)	120 AC Only	13	1850 fpm (549 mpm)	6-1/2 oz. (190 ml)	11-1/4 lbs.	14 lbs.

STANDARD EQUIPMENT: Chain Saw, 16" (406mm) Sprocket Tip Bar, 3/8" (9.5mm) Pitch Chain, 13mm Wrench, Screwdriver and Scabbard.

ACCESSORIES

NO. 48-58-0030	3/8" (9.5mm) Pitch Chain
NO. 48-09-5051	16" (406mm) Guide Bar
NO. 49-96-7630	13mm Open End Wrench
NO. 49-62-0150	Scabbard
NO. 49-22-3020	Chain Repair Kit
NO. 49-80-2000	Screwdriver

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

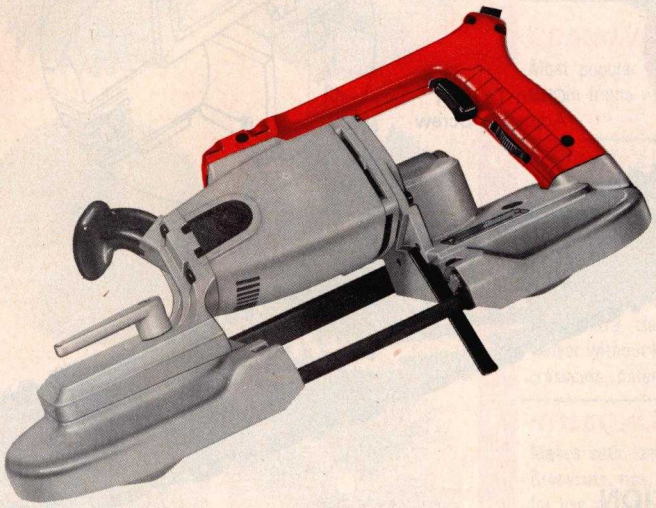
HEAVY-DUTY PORTABLE ELECTRIC BAND SAWS

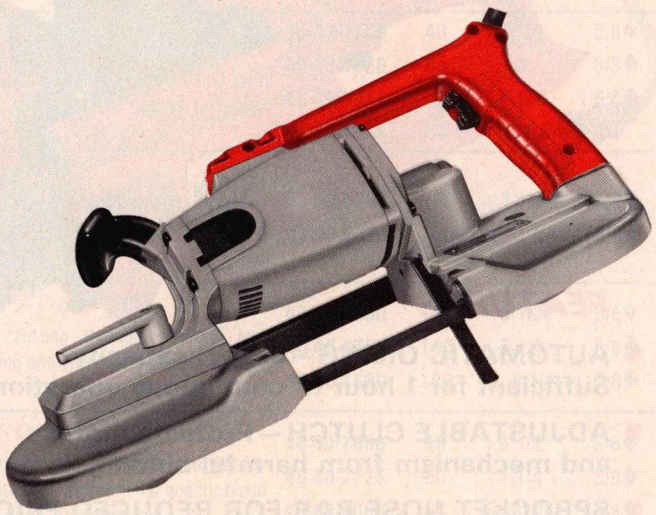
ALL MODELS USE STANDARD 44-7/8" × 1/2" × .020 BAND SAW BLADES

- Gear drive mechanism is lubricated with grease—no oiling required!
- Precision Ball Bearing Blade Guide
- Ideal for sawing PVC tubing
- Front T-Handle for better control

6225 LESS CASE **6226** WITH CASE
TWO SPEED
200 AND 250 SURFACE FT./MIN.

6227 LESS CASE **6234** WITH CASE
TRIGGER SPEED CONTROL
0 TO 250 SURFACE FT./MIN.





SPECIFICATIONS

CATALOG NUMBER	NO LOAD SURFACE FT. PER MIN.	VOLTS AC ONLY	AMPS	CAPACITY ROUND STOCK	CAPACITY RECTANGULAR STOCK	LENGTH INCHES	NET WEIGHT LBS.	SHP. WEIGHT LBS.
6225 Less Case	250/200	120	6/5	3-1/2"	3-1/2" × 4-1/2"	20	16	18-1/2
6226	Same as 6225, but with Steel Carrying Case							27-1/2
6227 Less Case	0-250	120	6	3-1/2"	3-1/2" × 4-1/2"	20	16	18-1/2
6234	Same as 6227, but with Steel Carrying Case							27-1/2

STANDARD EQUIPMENT: Includes one No. 48-39-0510 quality 14 tooth Super-Tough™ Bi-Metal blade.

ACCESSORIES AND PORTABLE BAND SAW TABLE FOR ALL MILWAUKEE BAND

SEE PAGES 70, 71 FOR COMPLETE SELECTION OF BAND SAW BLADES

EASY-CUT PORTABLE BAND SAW BLADE LUBRICANT
Greatly eases cutting applications while extending blade life.
1.5 oz. tube.
NO. 49-08-4205

STEEL CARRYING CASE
When purchased separately for Models 6225 and 6227
NO. 48-55-1090

For Models 6230 and 6236
NO. 48-55-1930

TYPE "G" GREASE
1 lb. can
NO. 49-08-4140

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DEEP CUT PORTABLE ELECTRIC BAND SAWS

Large 4-3/4" × 4-3/4" Capacity

ALL MODELS USE STANDARD 44-7/8" × 1/2" × .020 BAND SAW BLADES

- Gear drive mechanism is lubricated with grease—no oiling required!
- Precision Ball Bearing Blade Guide
- Ideal for sawing PVC tubing
- High Torque—Low RPM Worm Gear Mechanism
- Front T-Handle for better control

6230 LESS CASE **6232** WITH CASE

TRIGGER SPEED CONTROL

0 TO 350 SURFACE FT./MIN.

FAST *UP TO 350 SURFACE FT./MIN.*

AC/DC MODELS

6236 LESS CASE **6238** WITH CASE

TWO SPEED

250 AND 350 SURFACE FT./MIN.

DEEP CUT

BAND SAW FOR ANY CONSTRUCTION SITE. CUTS A WIDE RANGE OF MATERIALS WITH FAST LONG LASTING SUPER-TOUGH BI-METAL BLADES.

EXCELLENT BALANCE
Center of gravity is located over blade when cutting, resulting in straighter, more accurate cuts.

SPECIFICATIONS

CATALOG NUMBER	NO LOAD SURFACE FT. PER MIN.	VOLTS	AMPS	CAPACITY ROUND STOCK	CAPACITY RECTANGULAR STOCK	LENGTH INCHES	NET WEIGHT LBS.	SHP. WEIGHT LBS.
6230 Less Case	0-350	120 AC ONLY	6	4-3/4"	4-3/4"×4-3/4"	19-3/4	17	20-1/2
6232	Same as 6230, but with Steel Carrying Case						17	31
6236 Less Case	250-350	120 AC/DC	6	4-3/4"	4-3/4"×4-3/4"	19-3/4	17	20-1/2
6238	Same as 6236, but with Steel Carrying Case						17	31

STANDARD EQUIPMENT: Includes one No. 48-39-0510 quality 14 tooth Super-Tough™ Bi-Metal blade.

SAWS

PORTABLE BAND SAW TABLE NO. 48-08-0260

CONVERTS MILWAUKEE'S PORTABLE BAND SAWS TO STATIONARY UNITS. CAN BE MOUNTED ON A WORKBENCH OR USED ON THE JOB WITH 3/4" DIAMETER PIPE FOR LEGS. HEAVY-DUTY CLAMPING CHAIN AND CRANK NUT EASILY SECURES ALL SHAPES OF MATERIAL. NET WEIGHT 34 LBS.

PIPE LEGS ARE NOT SUPPLIED WITH UNIT.

SEE PAGES 70, 71 FOR COMPLETE SELECTION OF BAND SAW BLADES

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

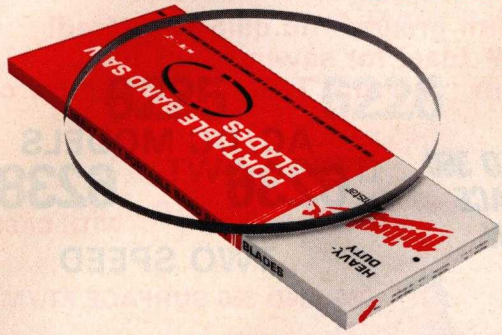
HEAVY-DUTY BAND SAW BLADES

FOR USE WITH MILWAUKEE BAND SAWS 44-7/8" × 1/2" × .020

6 TEETH/INCH	8 TEETH/INCH	10 TEETH/INCH	10/14 TEETH/INCH	14 TEETH/INCH	18 TEETH/INCH	24 TEETH/INCH
FOR CUTTING STOCK 1" and up*	FOR CUTTING STOCK 1/2" to 1"*	FOR CUTTING STOCK 5/16" to 1/2"*	FOR CUTTING STOCK 3/16" to 1/2"*	FOR CUTTING STOCK 3/16" to 5/16"*	FOR CUTTING STOCK 5/32" to 3/16"*	FOR CUTTING STOCK up to 5/32"*

*Refer to RECOMMENDED USE for type of blade.

BI-METAL BLADES



BI-METAL

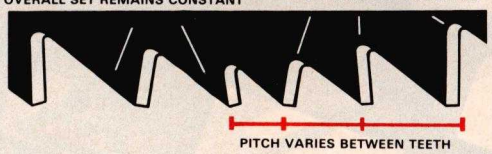
MILWAUKEE SUPER-TOUGH™ Bi-Metal Blades outlast conventional blades up to 3 times, requiring fewer blade changes. Extremely hard and uniform tooth point is electron beam welded to a tough durable backing with high flex life for faster cutting, longer blade life.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0500	1	High speed cutting of aluminum, angle iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels including stainless, chrome, tungsten steels plus other problem material at slow speed.	5/16" & up	10
48-39-0502	100		5/16" & up	10
48-39-0510	1		3/16"-5/16"	14
48-39-0512	100		3/16"-5/16"	14
48-39-0520	1		5/32"-3/16"	18
48-39-0522	100		5/32"-3/16"	18
48-39-0530	1		Up to 5/32"	24
48-39-0532	100		Up to 5/32"	24

BI-METAL 10/14

BI-METAL 10/14 BLADES multiple tooth design with varying set angles and gullet depths break up the harmonic vibrations generated in cutting, resulting in smoother, quieter cutting with longer blade life.

BI-METAL 10/14 TEETH



CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0550	1	Designed for interrupted cutting applications (tubing, structurals, etc.) Also production cutting of solids in a variety of sizes or shapes.	3/16" to 1/2"	10/14
48-39-0552	100		3/16" to 1/2"	10/14

HIGH SPEED STEEL

High Speed Steel blades will outlast carbon steel and alloy steel blades for cutting most materials. Ideal for cutting carbon steel, drill rod and other solid and large diameter hard materials.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0350	1	High speed cutting of aluminum, angle iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels including stainless, chrome, tungsten steels plus other problem material at slow speed.	5/16" & up	10
48-39-0352	100		5/16" & up	10
48-39-0360	1		3/16"-5/16"	14
48-39-0362	100		3/16"-5/16"	14
48-39-0370	1		5/32"-3/16"	18
48-39-0372	100		5/32"-3/16"	18
48-39-0380	1		Up to 5/32"	24
48-39-0382	100		Up to 5/32"	24

CARBON STEEL

Carbon Steel Blades—inexpensive utility blade for intermittent use that will cut a wide range of material.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0050	3	High speed cutting of aluminum, brass, copper, soft bronze, magnesium, wood, mild steel; and tougher steels at slow speeds.	1" & up	6
48-39-0060	3	High speed cutting of aluminum, brass, copper, magnesium, mild steel; and tougher steels at slow speed.	1/2"-1"	8
48-39-0070	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels at slow speed.	5/16"-1/2"	10
48-39-0080	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper galvanized pipe, mild steel; and tougher steels and electric cable at slow speed.	3/16"-5/16"	14
48-39-0090	3	High speed cutting of angle iron, bronze, brass, copper galvanized pipe, thin wall tubing, mild steel; and tougher steels at slow speed.	5/32"-3/16"	18
48-39-0100	3		Up to 5/32"	24

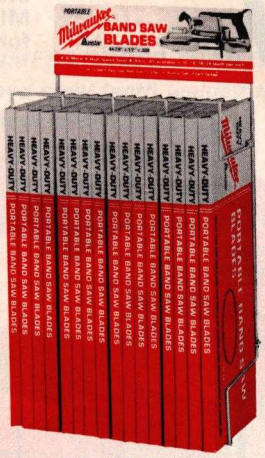
BAND SAW BLADE MERCHANDISER
NO. 49-22-0076
FOR MILWAUKEE BAND SAW BLADES 44-7/8" × 1/2" × .020

- **16 total blades in the assortment shown below.**

CATALOG NUMBER	QTY.	TEETH PER INCH	TYPE OF BLADE
48-39-0500	2	10	Bi-Metal
48-39-0510	2	14	Bi-Metal
48-39-0520	2	18	Bi-Metal
48-39-0530	2	24	Bi-Metal
48-39-0350	2	10	Hi-Speed Steel
48-39-0360	2	14	Hi-Speed Steel
48-39-0370	2	18	Hi-Speed Steel
48-39-0380	2	24	Hi-Speed Steel

STACKABLE DISPLAYS!

Displays both types of blades, Bi-Metal and High Speed Steel.



FUNCTIONAL PACKAGING

All Blade packages with Blade Selector Chart on back

With movable header—blade boxes may be displayed in the rack vertically, horizontally or stacked side by side for a series of displays.

BLADES FOR USE WITH BAND SAWS USING 53-3/4" × 1/2" × .020 BLADES

10 TEETH/INCH	14 TEETH/INCH	18 TEETH/INCH	24 TEETH/INCH
FOR CUTTING STOCK 5/16" to 1/2"*	FOR CUTTING STOCK 3/16" to 5/16"*	FOR CUTTING STOCK 5/32" to 3/16"*	FOR CUTTING STOCK up to 5/32"*

* Refer to RECOMMENDED USE for type of blade.

HIGH SPEED STEEL

High Speed Steel blades will outlast carbon steel and alloy steel blades for cutting most materials. Ideal for cutting carbon steel, drill rod and other solid and large diameter hard materials.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0450	1	High speed cutting of aluminum, angle iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels including stainless, chrome, tungsten steels plus other problem material at slow speed.	5/16" & up	10
48-39-0460	1		3/16"-5/16"	14
48-39-0470	1		5/32"-3/16"	18
48-39-0480	1		Up to 5/32"	24

CARBON STEEL

Carbon Steel Blades an inexpensive utility blade for intermittent use that will cut a wide range of material.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0150	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels at slow speed.	5/16"-1/2"	10
48-39-0160	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels and electric cable at slow speed.	3/16"-5/16"	14
48-39-0170	3	High speed cutting of angle iron, bronze, brass, copper, galvanized pipe, thin wall tubing, mild steel; and tougher steels at slow speed.	5/32"-3/16"	18
48-39-0180	3		Up to 5/32"	24

Milwaukee

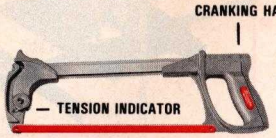
HACK SAW BLADES

MILWAUKEE SUPER-TOUGH™ BI-METAL BLADES outlast conventional blades up to 3 times longer, requires fewer blade changes. Can be used in any hack saw frame, but performs better under high tension of Bi-Metal frame.

12" BI-METAL BLADE HACK SAW FRAME

NO. 48-08-0320

MILWAUKEE'S FINEST Hack Saw features a built-in cranking handle to achieve the higher tension required for MILWAUKEE'S Bi-Metal Blades. A tension indicator helps assure proper tension for more efficient cutting and longer blade life. Rectangular tube construction provides greater strength than ordinary hack saws. Knuckle Guard protects hands. Blades can be positioned for 90°, 45° angle or flush cutting.



DELUXE 12" HACK SAW FRAME

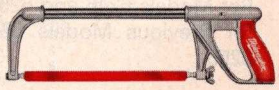
NO. 48-08-0300

MILWAUKEE Deluxe Hack Saw features a new method of holding blade. Blade cannot "twist" or "wobble", therefore giving a more accurate cutting stroke and a longer blade life. Blade may be positioned to cut sideways absolutely flush with a surface. Cuts completely down to surface. A heavy-duty 12" Hack Saw designed for a lifetime of use.

10" TO 12" HACK SAW FRAME

NO. 48-08-0310

MILWAUKEE tubular Hack Saw of strong aluminum die cast construction adjusts for 10" or 12" blades. Smooth comfortable front and rear handle grips. Locking screw extends all the way through tube for tighter alignment. Tube walls never press against threads of screw. Front stretcher held in snug fitting square hole—not a "punched hole" in thin wall of tubing. Good solid alignment in both 10" and 12" positions.



SUPER-TOUGH™ BI-METAL
PACKAGE OF 10 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0600	12"	14	RAKER
48-43-0610	12"	18	RAKER
48-43-0620	12"	24	WAVY
48-43-0630	12"	32	WAVY

HIGH SPEED MOLYBDENUM STEEL
PACKAGE OF 10 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0050	12"	14	RAKER
48-43-0060	12"	18	RAKER
48-43-0130	12"	24	WAVY
48-43-0140	12"	32	WAVY

PACKAGE OF 100 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0550	12"	14	RAKER
48-43-0560	12"	18	RAKER
48-43-0570	12"	24	WAVY
48-43-0580	12"	32	WAVY

CARBON ALLOY STEEL
PACKAGE OF 100 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0500	12"	14	RAKER
48-43-0510	12"	18	RAKER
48-43-0520	12"	24	WAVY
48-43-0530	12"	32	WAVY

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY FAST CUTTING JIG SAWS

1" BLADE STROKE

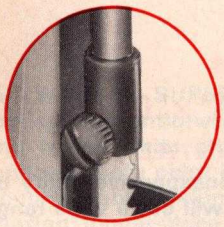
Speed plus a full 1" blade stroke is the best combination for fast efficient cutting. Use MILWAUKEE SUPER-TOUGH™ Bi-Metal blades for longer blade life.

- **DOUBLE INSULATED**
- **POWERFUL MILWAUKEE-BUILT MOTORS**
  BALL AND ROLLER BEARING CONSTRUCTION

TOP HANDLE CONTOURED FOR COMFORT AND ACCURATE CONTROL

6256
VARIABLE SPEED
3.8 AMPS
0-3100 STROKES PER MIN.

BLADE ROLLER GUIDE
Added saw blade support with roller bearings for more positive cutting action, greater control and less blade breakage.

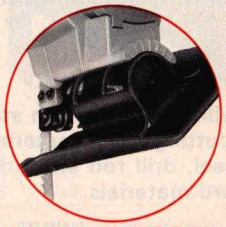


TRIGGER SPEED CONTROL
Simply depress trigger for various speeds from 0 to 3100 strokes per min. For selecting a preset speed between 0 and 3100 adjust knurled button in trigger switch and depress trigger. Lock button provided.

BLADE CLAMP
Simple fast blade changes... secure holding. Screwdriver eliminates need for hex wrench.

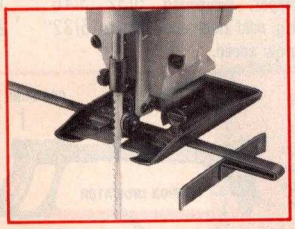
CLEAR LINE OF SIGHT
Motor fan clears dust for maximum visibility.

COUNTER BALANCED for smoother operation.



SHOE-TILT ADJUSTMENT
Both Jig Saws can be tilted up to 45° in either direction for angle cutting.
One screw holds shoe securely.

CONTOURED KNOB FOR INCREASED CONTROL



6246
SINGLE SPEED
3.8 AMPS
3100 STROKES PER MIN.

RIP FENCE FOR ACCURATE STRAIGHT OR CIRCLE CUTS
Optional. Order Accessory
NO. 49-22-4090

FUNCTIONAL PADDLE SWITCH engineered for comfortable right or left one hand control. Positive on/off action. Natural convenient position for operator control. Non-conductive switch cover for greater operator safety.

STEEL CARRYING CASE
NO. 48-55-1077
For Models 6246 and 6256. Also for Previous Models 6245 and 6255.

TYPE "F" GREASE
NO. 49-08-4160
5-1/2 oz. Tube

SEE PAGES 73, 74 FOR JIG SAW BLADES

SPECIFICATIONS

CATALOG NUMBER	SPEED TYPE	VOLTS	AMPS	STROKES PER MIN.	LENGTH (INS.)	WIDTH (INS.)	HEIGHT (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6256	VARIABLE	120 AC ONLY	3.8	0-3100	10-3/8	2-7/8	8-1/2	5-3/4	6-3/4
6246	SINGLE	120 AC/DC	3.8	3100	10-3/8	2-7/8	7-5/8	5-1/2	6-1/2

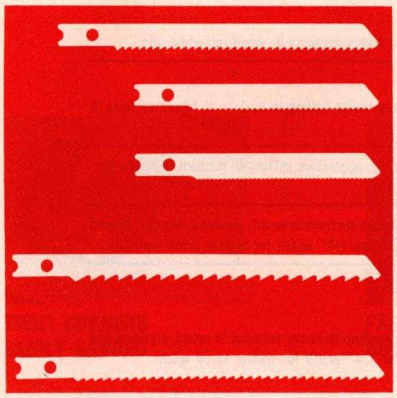
STANDARD EQUIPMENT: Includes Jig Saw blade assortment for wood and metal.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SUPER-TOUGH™ BI-METAL JIG SAW BLADES

- ***CUT FASTER, CUT STRAIGHTER, LAST MANY TIMES LONGER THAN ORDINARY HIGH SPEED STEEL***
- ***BI-METAL CONSTRUCTION: Extra sharp high speed steel teeth welded to alloy back for longer life, fewer changes***

1/4" UNIVERSAL TANG FITS MOST BRANDS OF JIG SAWS



5 BLADES PER POUCH CATALOG NUMBER	2 BLADES PER PACK CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH PER INCH	TYPE OF CUT AND USAGE RECOMMENDATIONS
METAL CUTTING—WAVY SET					
48-42-2190	48-42-4190	3-5/8	5/16	12	Irregular sections in pipe, angle iron, tubing, fiberglass and structural forms.
48-42-2120	48-42-4120	2-3/4	5/16	18	Metals 18 Ga. to 10 Ga., thick conduit, channels, tubing and plastics.
48-42-2160	48-42-4160	2-3/4	5/16	21	Metals thickness from 18 Ga. to 1/8", thinner tubing, slate and formica.
EXTRA LENGTH BLADES (4-1/8")					
WOOD CUTTING—ALTERNATE SET—GENERAL PURPOSE					
48-42-2300	48-42-4300	4-1/8	5/16	6	Fast cutting in medium to heavy sections in wood, plywood, etc.
48-42-2310	48-42-4310	4-1/8	5/16	10	Finer cutting for medium to heavy sections in wood, plastic and composition materials.

SUPER-TOUGH™ BI-METAL JIG SAW BLADE VINYL PAC ASSORTMENT
NO. 49-22-1168

Sturdy vinyl "see-through" package for displaying and organizing blades. Consists of one each of SUPER-TOUGH™ BI-METAL blades Nos. 48-42-2120 (2160, 2190, 2300 and 2310). A total of 5 blades.

2 BLADE PACK

All Super-Tough™ Bi-Metal Jig Saw Blades (5 types) are now available in a convenient 2 blade blister package. Blade application data is clearly printed on the front/back of each package for quick selection. See Chart above for catalog numbers.

JIG SAW BLADE MERCHANDISER NO. 49-22-1072

- **Compact countertop or pegboard hanging. 31 different types of blades and a Bi-Metal Blade Assortment Pac are packaged in reusable, "see through" vinyl sleeves. 5 blades to a sleeve. 59 packages total.**
- **Display rack features an attractive header and copy channels with blade use descriptions and part numbers for easy reordering.**

CAT. NO.	QTY.	CAT. NO.	QTY.	CAT. NO.	QTY.	CAT. NO.	QTY.
48-42-0100	3	48-42-0421	2	48-42-0650	1	48-42-0850	1
48-42-0101	3	48-42-0500	2	48-42-0700	1	48-42-0860	1
48-42-0120	3	48-42-0521	2	48-42-0801	1	48-42-2120	2
48-42-0140	3	48-42-0540	2	48-42-0816	1	48-42-2160	2
48-42-0200	3	48-42-0561	1	48-42-0820	1	48-42-2190	2
48-42-0220	3	48-42-0600	2	48-42-0826	1	48-42-2300	1
48-42-0240	3	48-42-0620	2	48-42-0830	1	48-42-2310	1
48-42-0400	2	48-42-0640	2	48-42-0836	1	49-22-1168	3

SUPER-TOUGH™ BI-METAL BLADE MERCHANDISER
NO. 49-22-1130

Compact plan-a-gram display includes 16 types of MILWAUKEE's Super-Tough™ Bi-Metal Blades, 11 types of Sawzall and 5 types of Jig Saw blades. A total of 47 packages are included in a pre-selected mix. Striking display prominently features a MILWAUKEE Sawzall and Jig Saw and complete reorder information. Mounts on your pegboard, freeing up counter and floor space.

QTY.	CAT. NO.	TYPE—SAWZALL	T.P.I.	LENGTH
2	48-02-1161	Metal Scroll	10	3-5/8"
2	48-02-1162	Metal Scroll	14	3-5/8"
4	48-02-1182	Metal	14	6"
4	48-02-1184	Metal	18	6"
2	48-02-1186	Metal	24	6"
4	48-02-3031	Wood	5/8	6"
3	48-02-3035	Wood	6	6"
3	48-02-3036	Wood	6	9"
3	48-02-3037	Wood	6	12"
2	48-02-3041	Wood	4/6	6"
3	48-02-3093	Wood/Metal	10/14	8"

QTY.	CAT. NO.	TYPE—JIG SAW	T.P.I.	LENGTH
3	48-42-4120	Metal	18	2-3/4"
3	48-42-4160	Metal	21	2-3/4"
3	48-42-4190	Metal	12	3-5/8"
3	48-42-4300	Wood	6	4-1/8"
3	48-42-4310	Wood	10	4-1/8"

HEAVY-DUTY JIG SAW BLADES

1/4" UNIVERSAL TANG FITS MOST BRANDS OF JIG SAWS

SEE PAGE 73 FOR SUPER-TOUGH™ BI-METAL BLADES

CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH PER INCH	QTY. PER POUCH	TYPE OF CUT AND USAGE RECOMMENDATIONS
METAL CUTTING—HIGH SPEED STEEL					
48-42-0100♦	2-3/4	5/16	12	5	Steel to 1/8", non-ferrous metals to 1/4", plastics, fiberglass, rigid conduit, hard rubber and fiber.
48-42-0101♦	2-3/4	5/16	12	5	Steel to 1/8", non-ferrous metals to 1/4", plastics, fiberglass, rigid conduit, hard rubber and fiber. 25% thicker for most severe applications.
48-42-0120♦	2-3/4	5/16	18	5	Metals 18 gauge to 10 gauge, tubing and plastics.
48-42-0140♦	2-3/4	5/16	21	5	Metals lighter than 18 gauge, thin wall tubing, slate and formica.
WOOD CUTTING—GENERAL PURPOSE DELUXE—ALTERNATE SET GROUND—HIGH SPEED STEEL					
48-42-0421	3-5/8	5/16	6	5	Fast cutting in medium to heavy sections in wood, plywood, etc.
WOOD CUTTING—GENERAL PURPOSE—ALTERNATE SET—HIGH CARBON STEEL					
48-42-0200♦	3-1/8	5/16	6	5	Forward angled for fast aggressive cutting in medium to heavy sections in wood, plywood, etc.
48-42-0220♦	3-1/8	5/16	8	5	Forward angled for smoother aggressive cutting in medium to heavy sections in wood, plywood, etc.
48-42-0240♦	3-1/8	1/4	8	5	Finer cutting in light to medium sections in wood, plywood, formica, plastic and composition materials. Use 1/4" width for tighter scroll work.
WOOD CUTTING—DELUXE TAPER GROUND—HIGH SPEED STEEL					
48-42-0521♦	3-5/8	3/8	6	5	Fast and finer cutting for medium to heavy sections in wood, plywood and composition materials. Use 1/4" width for tighter scroll work.
48-42-0500♦	3-5/8	5/16	6	5	
48-42-0600	3-5/8	1/4	6	5	
WOOD CUTTING—EXTRA FINE DELUXE TAPER GROUND—HIGH SPEED STEEL					
48-42-0561♦	3-5/8	3/8	10	5	Extra fine cutting in medium to heavy sections in wood, plastics, composition materials, etc. Especially recommended for plywood. Use 1/4" width for tighter scroll work.
48-42-0540♦	3-5/8	5/16	10	5	
48-42-0620	3-5/8	1/4	10	5	
WOOD CUTTING—ALTERNATE SET SKIP TOOTH—ABRASIVE MATERIALS—HIGH SPEED STEEL					
48-42-0850	3-5/8	5/16	8	5	Skip tooth provides extra chip clearance for cutting in fiberglass, tough abrasive materials, non-ferrous metals, synthetics, and plaster board. Use 1/4" width for tighter scroll work.
48-42-0860	3-5/8	1/4	8	5	
WOOD CUTTING—DELUXE TAPER GROUND—HIGH CARBON STEEL					
48-42-0640♦	3-1/8	1/4	12	5	Reverse tooth for smooth finish on top surface. Saws plywood, formica, veneer, plastics, etc. Use 1/4" width for tighter scroll work.
WOOD CUTTING—DELUXE ALTERNATE SET—HIGH SPEED STEEL					
48-42-0400	3-1/8	5/16	6	5	Forward angled for fast aggressive cutting in medium to heavy sections in wood, plywood, etc.
WOOD CUTTING—DELUXE WAVY SET TAPER GROUND—HIGH CARBON STEEL					
48-42-0650	2-3/4	5/32	12	5	Special wavy set extra thin for tight smooth scroll work.
KNIFE CUTTING—HIGH CARBON STEEL					
48-42-0700	2-1/2	KNIFE	0	5	Cuts insulating material, leather, rubber, cardboard, sponge, felt, etc.
ABRASIVE MATERIALS—MEDIUM GRIT TUNGSTEN CARBIDE					
48-42-0801	2-7/8	3/8	0	5	Cuts plywood, hardwood veneer, fiberglass, (polyester, epoxies, melamines, etc.) ceramic tile, cast stone, slate, clay pipe, carbon, brick and chalkboard.

EXTRA LENGTH BLADES (4-1/8")

CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH PER INCH	QTY. PER POUCH	TYPE OF CUT AND USAGE RECOMMENDATIONS
WOOD CUTTING—GENERAL PURPOSE—DELUXE ALTERNATE SET GROUND—HIGH CARBON STEEL					
48-42-0816	4-1/8	5/16	6	5	Fast cutting in medium to heavy sections in wood, plywood, etc.
WOOD CUTTING—DELUXE TAPER GROUND—HIGH CARBON STEEL					
48-42-0826	4-1/8	3/8	6	5	Fast, smooth cutting for medium to heavy sections in wood, plywood, and composition materials. Use 1/4" width for tighter scroll work.
48-42-0820	4-1/8	5/16	6	5	
48-42-0840	4-1/8	1/4	6	5	
WOOD CUTTING—EXTRA FINE DELUXE TAPER GROUND—HIGH CARBON STEEL					
48-42-0836	4-1/8	3/8	10	5	Extra fine cutting for medium to heavy sections in wood, plastics, composition materials, etc. Especially recommended for plywood. Use 1/4" width for tighter scroll work.
48-42-0830	4-1/8	5/16	10	5	
48-42-0845	4-1/8	1/4	10	5	

♦ See your MILWAUKEE DISTRIBUTOR for prices on bulk packed jig saw blades.

HEAVY-DUTY ORBITAL SANDERS

FLUSH SANDING ON 3 SIDES FOR ALL MODELS

LONG 8', 2 WIRE RUBBER CORD FOR OPERATOR CONVENIENCE

BUILT FOR CONTINUOUS PRODUCTION USE

ORBITAL FINISHING SANDER

USE 1/4 OF STANDARD 9" × 11" SANDPAPER 6016

- 13,000 ORBITS/MIN. – FOR FAST REMOVAL FINISH SANDING. 1/16" ORBIT
- DOUBLE INSULATED
- BALL BEARINGS
- DESIGNED FOR ONE HAND OPERATION
- ROCKER TYPE ON/OFF SWITCH
- FAST SANDPAPER CHANGE WITH LEVER TYPE CLAMPS

TIGHT CORNERS EASILY SANDED

FAST FINISHING FOR AUTO BODY JOBS

FAST FINISHING FOR CABINET MAKERS

CLEANUP, REMOVAL OF PAINT, RUST

SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	DESCRIPTION	ORBITS PER MINUTE NO LOAD	DIAMETER OF ORBIT (INCHES)	LENGTH (INCHES)	WIDTH (INCHES)	HEIGHT (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6016	120	1.8	W/Rubber Pad 4-3/8" × 4"	13,000	1/16	4-1/2	4-3/8	5	2.4	3.25

DUST PICK UP KIT
NO. 48-09-0300
(ONLY FOR USE WITH NO. 6014 SANDER)

FAST

1. TAKE NO. 6014 SANDER
2. SNAP ON DUST PICK UP KIT
3. READY FOR SANDING IN SECONDS!

ILLUSTRATED: NO. 6014 SANDER WITH DUST PICK UP KIT ATTACHED

USE 1/3 OF STANDARD 9" × 11" SANDPAPER 6012

USE 1/2 OF STANDARD 9" × 11" SANDPAPER 6014

***EXCLUSIVE* DUST PICK UP KIT AVAILABLE FOR MODEL 6014**

- 12,000 ORBITS/MIN. – FOR FAST REMOVAL – BLEMISH FREE SURFACES
- FOR CONTINUOUS PRODUCTION USE
- BALL BEARINGS
- DESIGNED FOR 1 OR 2 HAND CONTROL
- THUMB SLIDE SWITCH
- STRONG, DURABLE 40% GLASS REINFORCED NYLON HOUSING AND HANDLES
- SPECIALLY ENGINEERED AND PRECISION MACHINED FOR LOW VIBRATION
- AMPLE RESERVE POWER FOR HEAVY SANDING

NEW

SELF STICKING REPLACEMENT PADS
NO. 49-22-0051 for No. 6012 Sander
NO. 49-22-0052 for No. 6014 Sander

New 3M pads which accept adhesive-backed sandpaper are standard equipment. Pads are compressed foam permanently bonded to knitted fabric cover providing maximum surface contact. Your choice to use standard paper with pad clamps or self stick paper.

STEEL CARRYING CASE
Available for both models
NO. 48-55-0740

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	DESCRIPTION	ORBITS PER MINUTE NO LOAD	DIAMETER OF ORBIT (INCHES)	LENGTH (INCHES)	WIDTH (INCHES)	HEIGHT (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6012	120	5	W/Self Stick Pad 3-5/8" × 7-3/8"	12,000	1/8	10-1/2	3-5/8	7	6	7
6014	120	5	W/Self Stick Pad 4-1/2" × 9-1/4"	12,000	1/8	11-1/2	4-1/2	7	7	8

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY 3" and 4" HIGH PERFORMANCE BELT SANDERS

POWERFUL 10 AMP BELT SANDERS FOR FAST MATERIAL REMOVAL WITH OR WITHOUT BUILT IN DUST COLLECTION VACUUM SYSTEM

DOUBLE INSULATED

BUILT FOR CONTINUOUS PRODUCTION USE

5920
3"

5925
3"

5920 3" × 24" WITHOUT DUST COLLECTOR

5925 3" × 24" WITH DUST COLLECTOR

- **LARGE DUST COLLECTOR BAG** For constant, powerful dust pick up. Out of way—empties easily.
- **BELT RELEASE LEVER** For quick belt change.
- **WEIGHT IS CENTERED DIRECTLY OVER BASE FOR CONTROL/BALANCE**
- **RUBBER COATED REAR PULLEY FOR FULL TRACTION UNDER HEAVY PRESSURE**
- **POSITIVE BRUSH STOP...PREVENTS SPRING FROM DAMAGING COMMUTATOR**
- **INDEPENDENT VENTILATION AND EXHAUST FAN**
- **IMPACT RESISTANT GLASS REINFORCED NYLON CONSTRUCTION**
- **DOUBLE INSULATED**

SPECIFICATIONS

CATALOG NUMBER	BELT SPEED S FPM	BELT SIZE	VOLTS AC/DC	AMPS	NET WGT. LBS.	SHP. WGT. LBS.
5920	1400	3"	120	10	13-1/2	16-1/2
5925	1400	3"	120	10	13-3/4	16-3/4

STANDARD EQUIPMENT: (1) 36 grit sanding belt.

5931
4"

SWITCH With lock-on control.

5936
4"

- **SEPARATE STRAIN RELIEF FOR LONGER CORD LIFE**
- **IMPROVED BELT/TRACKING ADJUSTMENT**
- **IMPROVED TRACKING**
- **NEW BELT RELEASE**

5931 4" × 24" WITHOUT DUST COLLECTOR

5936 4" × 24" WITH DUST COLLECTOR

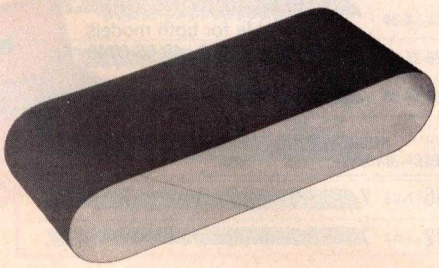
SPECIFICATIONS

CATALOG NUMBER	BELT SPEED S FPM	BELT SIZE	VOLTS AC/DC	AMPS	NET WGT. LBS.	SHP. WGT. LBS.
5931	1400	4"	120	10	14-1/4	17-1/4
5936	1400	4"	120	10	14-1/2	17-1/2

STANDARD EQUIPMENT: (1) 36 grit sanding belt.

4" MODELS SAND FLUSH

OPEN COAT SANDING BELTS FOR BELT SANDERS



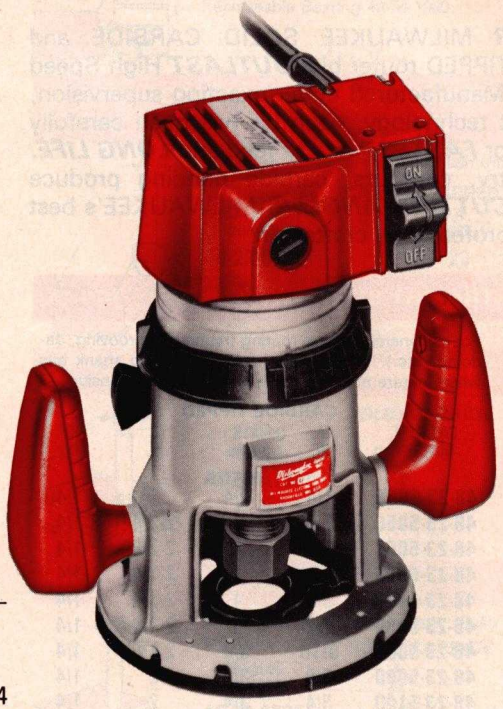
CATALOG NUMBER	SIZE	BELTS PER PKG.	GRIT	TYPE	USE
49-37-3036 49-37-4036	3 × 24 4 × 24	10 10	36 36	COARSE	For fast sanding of wood and non-ferrous material.
49-37-3060 49-37-4060	3 × 24 4 × 24	10 10	60 60	MEDIUM	For general smoothness of wood or metal.
49-37-3120 49-37-4120	3 × 24 4 × 24	10 10	120 120	FINE	For finish work on wood or metal.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ROUTERS

POWERFUL, LIGHTWEIGHT, FOR EXTRA HEAVY-DUTY JOBS

- **FUNCTIONAL TRIGGER-HANDLE GROUPING**
- **OUT-OF-WAY ELECTRIC CORD**
- **FLAT TOP FOR STEADY POSITIONING**
  For changing bits, removing base or measuring bit for depth of cut.
- **ACCURATE SIMPLE DEPTH ADJUSTMENT**
  Adjusting ring, marked in 1/64" graduations, permits friction-free operation with locking device to maintain depth-of-cut.
- **HEAVY-DUTY SUB BASE**
  With large openings for maximum visibility.



5620
1.00 HP
8 AMPS

5660
1.50 HP
10 AMPS

5680
2.00 HP
12 AMPS

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	MAXIMUM TOOL POWER OUTPUT H.P.	NO LOAD SPEED RPM	COLLET CAPACITY	SUB BASE DIA.	OVER-ALL HGT.	NET WGT. LBS.	SHP. WGT. LBS.
5620	120	8	1.00	23,000	1/4"-3/8"	6"	8"	8	10
5660	120	10	1.50	24,500	1/4"-3/8"-1/2"	6"	8"	8-1/2	11
5680	120	12	2.00	26,000	1/4"-3/8"-1/2"	6"	8"	8-3/4	11-1/4

STANDARD EQUIPMENT

1.00 H.P. ROUTER model 5620 includes a 1/4" collet (No. 48-66-0980), a 7/8" open end wrench (No. 49-96-4070), a 1" open end wrench (No. 49-96-4075) and router base (No. 48-10-0070).

1.50 H.P. ROUTER model 5660 includes a 1/4" collet (No. 48-66-0985), a 7/8" open end wrench (No. 49-96-4070), a 1-1/4" open end wrench (No. 49-96-4100) and router base (No. 48-10-0070).

2.00 H.P. ROUTER model 5680 includes a 1/2" collet (No. 48-66-1010), 7/8" open end wrench (No. 49-96-4070), a 1-1/4" open end wrench (No. 49-96-4100) and router base (No. 48-10-0070).

STEEL CARRYING CASE FOR MILWAUKEE ROUTERS
NO. 48-55-0810

MOTOR

MOTORS ONLY (Less Router Base)

NO. 5610 Motor for 1.00 H.P. Unit
Includes 1/4" collet (No. 48-66-0980), a 7/8" open end wrench (No. 49-96-4070) and a 1" open end wrench (No. 49-96-4075).

NO. 5650 Motor for 1.50 H.P. Unit
Includes 1/4" collet (No. 48-66-0985), a 7/8" open end wrench (No. 49-96-4070) and a 1-1/4" open end wrench (No. 49-96-4100).

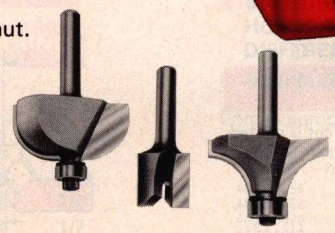
NO. 5670 Motor for 2.00 H.P. Unit
Includes 1/2" collet (No. 48-66-1010), a 7/8" open end wrench (No. 49-96-4070) and a 1-1/4" open end wrench (No. 49-96-4100).

BASE ASSEMBLY ONLY
NO. 48-10-0070
For 1.00, 1.50 and 2.00 H.P. units.
Base includes 2 handles, sub base and wing lock nut.

BASE ASSEMBLY

SELECT Milwaukee® *SUPERIOR*
- **SOLID CARBIDE**
- **CARBIDE TIPPED**

ROUTER BITS



SEE PAGES 78, 79 for CARBIDE BITS
SEE PAGE 80 for HIGH SPEED STEEL BITS

For • FASTEST RATE OF FEED • PRECISION CUTTING • EXTENDED BIT LIFE

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY ROUTER BITS

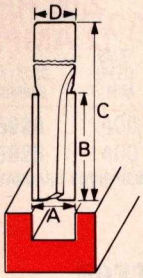
SOLID CARBIDE and CARBIDE-TIPPED

FOR *SUPERIOR* PRECISION CUTTING, FASTEST FEED, LONGEST LIFE

SUPERIOR MILWAUKEE SOLID CARBIDE and CARBIDE TIPPED router bits ***OUTLAST*** High Speed Steel bits. Manufactured under exacting supervision, using latest technology, each bit has been carefully evaluated for ***FASTEST*** rate of feed and ***LONG LIFE.*** Bit geometry, contours, carbide bonding produce ***PRECISE CUTTING ANGLES.*** MILWAUKEE's best bit for the professional craftsmen.

STRAIGHT BITS—TWO FLUTES

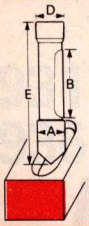
For all general purpose routing (rabbeting, grooving, dadoing, etc.). Smooth finish cuts. Use long shank bits where nature of cut requires longer shank extension.



CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
	CARBIDE TIPPED			
	1/4" SHANK			
48-23-5055	1/4	3/4	2	1/4
48-23-5056	1/4	1	2-1/4	1/4
48-23-5057	1/4	1	2-7/8	1/4
48-23-5065	5/16	1	2-1/4	1/4
48-23-5070	3/8	1	2-1/4	1/4
48-23-5080	1/2	1	2-1/8	1/4
48-23-5085	9/16	3/4	2-1/8	1/4
48-23-5090	5/8	3/4	2	1/4
48-23-5100	3/4	3/4	2	1/4
	1/2" SHANK			
48-23-5135	3/8	1	2-3/4	1/2
48-23-5140	1/2	1	2-5/8	1/2
48-23-5141	1/2	1-1/4	2-7/8	1/2
48-23-5142	1/2	2	4-1/4	1/2
48-23-5144	1/2	1-1/2	3-1/8	1/2
48-23-5150	3/4	1-1/4	2-7/8	1/2
48-23-5155	7/8	1-1/4	2-7/8	1/2
48-23-5160	1	1-1/4	2-7/8	1/2

COMBINATION PILOT PANEL BITS WITH DRILL POINTS—SINGLE FLUTE

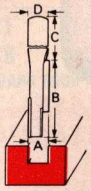
For trimming veneer and for templet panel routing.



CATALOG NUMBER	A IN.	B IN.	D IN.	E IN.
	CARBIDE TIPPED			
48-23-6000	1/4	3/4	1/4	2-1/2
48-23-6020	3/8	1	3/8	3
48-23-6040	1/2	1-3/16	1/2	3-1/2

STAGGER TOOTH STRAIGHT BIT

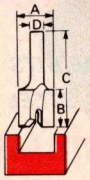
Excellent for cut outs. This design gives the bit two flute balance with single flute cutting speed.



CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
	CARBIDE TIPPED			
48-23-5143	1/2	2	2-1/4	1/2

HINGE MORTISING BIT

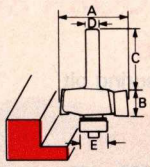
Fast cutting bit for making mortises when cut is started from edge of work.



CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
	CARBIDE TIPPED			
48-23-6100	1/2	3/4	1-3/4	1/4

RABBETING BITS

With pilot. For making rabbeting cuts without use of router guide. Carbide tip bit has replaceable ball bearing pilot.

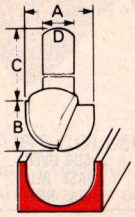


CATALOG NUMBER	RABBET DEPTH IN.	A IN.	B IN.	C IN.	D IN.	E IN.
	CARBIDE TIPPED					
48-23-6400	3/8	1-1/4	1/2	1-1/8	1/4	1/2
48-23-6440	3/8	1-1/4	1/2	1-1/2	1/2	1/2

Replacement Ball Bearing 49-54-1060...By substituting Bearing 49-54-1070, rabbet depth can be increased to 7/16".

CORE BOX BITS—TWO FLUTES

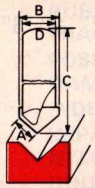
Especially effective in fluting flat surfaces (mantels and fascades).



CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
	SOLID CARBIDE			
48-23-5600	1/4	3/8	1-1/8	1/4
	CARBIDE TIPPED			
48-23-5610	1/2	3/8	1-1/8	1/4
48-23-5620	5/8	.417	1-1/8	1/4
48-23-5630	3/4	.465	1-1/8	1/4
48-23-5640	3/4	.465	1-1/2	1/2

V-GROOVING BITS

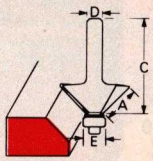
Excellent for lettering and sign work.



CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
	SOLID CARBIDE			
48-23-8200	3/16	1/4	1-1/2	1/4
	CARBIDE TIPPED			
48-23-8210	1/2	3/8	1-3/4	1/4
48-23-8230	1/2	1/2	1-3/4	1/4

45° CHAMFERING BITS—TWO FLUTES

With pilot. For decorative edging and making concealed joints. Carbide tip bit has replaceable ball bearing pilot.

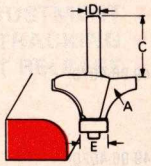


CATALOG NUMBER	A IN.	C IN.	D IN.	E IN.
	CARBIDE TIPPED			
48-23-6200	1/2	1-5/8	1/4	3/8
48-23-6240	1/2	2	1/2	3/8

Replaceable Bearing 49-54-1090.

CORNER ROUNDING BITS

With pilot. For decorative edging and for drop leaf table joints. Carbide tip bits have replaceable ball bearing pilot.

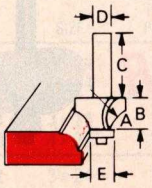


CATALOG NUMBER	A IN. RADIUS	C IN.	D IN.	E IN.
	CARBIDE TIPPED			
48-23-5410	1/4	1-1/8	1/4	1/2
48-23-5420	5/16	1-1/4	1/4	1/2
48-23-5430	3/8	1-1/8	1/4	1/2

Replaceable Bearing 49-54-1060...Converts to Beading Bit by substituting Bearing 49-54-1070.

BEADING BITS—TWO FLUTES

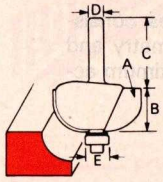
With pilot. For decorative furniture. Pilot guides router along edge of work. Carbide tip bits have replaceable ball bearing pilot.



CATALOG NUMBER	A IN. RADIUS	B IN.	C IN.	D IN.	E IN.
	CARBIDE TIPPED				
48-23-5510	3/16	1/2	1-1/4	1/4	3/8
48-23-5520	1/4	1/2	1-1/8	1/4	3/8
48-23-5525	5/16	1/2	1-1/8	1/4	3/8
48-23-5530	3/8	5/8	1-1/8	1/4	3/8

Replaceable Bearing 49-54-1070...Convert to Corner Rounding Bit by substituting Bearing 49-54-1060.

COVE BITS—TWO FLUTES



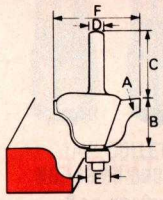
With pilot. For decorative edging and for drop leaf joints.

CARBIDE TIPPED

CATALOG NUMBER	A IN. RADIUS	B IN.	C IN.	D IN.	E IN.
48-23-5700	1/4	33/64	1-1/8	1/4	3/8
48-23-5710	3/8	33/64	1-1/8	1/4	3/8
48-23-5720★	1/2	23/32	1-1/8	1/4	3/8

★ Not recommended for use with MILWAUKEE routers.
Replaceable Bearing 49-54-1090.

ROMAN OGEE BITS



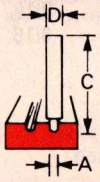
With pilot. For decorative furniture. Pilot guides router along edge of work.

CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.	F IN.
48-23-5800	5/32	5/8	1-1/8	1/4	3/8	1
48-23-5810★	1/4	.787	1-1/8	1/4	3/8	1-3/8

★ Not recommended for use with MILWAUKEE routers.
Replaceable Bearing 49-54-1090.

PROVINCIAL DESIGN VEINER BITS

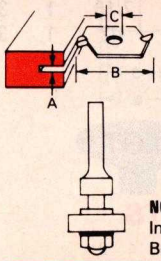


Most practical for veining designs on panels, cabinet doors and furniture.

SOLID CARBIDE

CATALOG NUMBER	A IN.	C IN.	D IN.
48-23-5295	1/8	1-1/2	1/4
48-23-5300	3/16	1-1/2	1/4

TWO WING SLOTTING CUTTERS



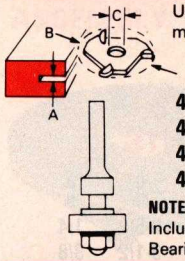
Used for slotting plywoods and core boards for "T" moldings.

CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-8000	1/16	1-7/8	5/16
48-23-8005	5/64	1-7/8	5/16
48-23-8020	3/32	1-7/8	5/16
48-23-8030	1/4	1-7/8	5/16

NOTE: USE ABOVE WITH SLOTTING CUTTER ARBOR NO. 48-23-8050
Includes 1/4" shank Slotting Cutter Arbor, Nut Washer and Bearing. Replacement Arbor Bearing No. 49-54-1080.

THREE WING SLOTTING CUTTERS



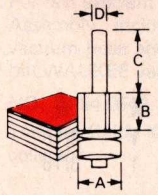
Used for slotting plywoods and core boards for "T" moldings.

CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-8100	1/16	1-7/8	5/16
48-23-8110	5/64	1-7/8	5/16
48-23-8120	3/32	1-7/8	5/16
48-23-8130	1/8	1-7/8	5/16

NOTE: USE ABOVE WITH SLOTTING CUTTER ARBOR NO. 48-23-8050
Includes 1/4" shank Slotting Cutter Arbor, Nut Washer and Bearing. Replacement Arbor Bearing No. 49-54-1080.

HELIX LAMINATE TRIMMERS



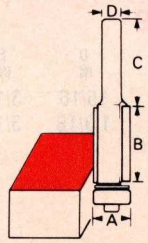
Designed to force the laminate against backing for chip free cuts—eliminates surface flake out. Replaceable ball bearing pilot.

CARBIDE TIPPED

CATALOG NUMBER	TYPE OF CUT	A IN.	B IN.	C IN.	D IN.
48-23-6700	Flush	3/4	5/8	1-1/8	1/4
48-23-6710	15°	3/4	3/8	1-1/8	1/4

Replaceable Bearing 49-54-1050.

FLUSH TRIM BITS—TWO FLUTES—BALL BEARING

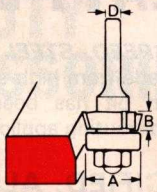


CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-6500	3/8	1/2	1-3/8	1/4
48-23-6505	3/8	1	1-3/8	1/4
48-23-6520	1/2	1	1-3/8	1/4
48-23-6540	1/2	1	1-3/4	1/2

Replaceable Bearing 49-54-1090 for 48-23-6500 and 48-23-6505. Replaceable Bearing 49-54-1060 for 48-23-6520 and 48-23-6540.

FOUR WING LAMINATE CUTTERS

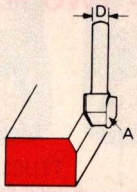


CARBIDE TIPPED

CATALOG NUMBER	TYPE OF CUT	A IN.	B IN.	D IN.
48-23-6600	0°	.865	1/4	1/4
48-23-6610	15°	.865	1/4	1/4

Replaceable Bearing 49-54-1080.

COMBINATION STRAIGHT AND 23° BEVEL TRIM BIT

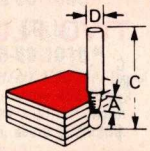


Combines 23° bevel trim and flush trim cuts in one bit.

CARBIDE TIPPED

CATALOG NUMBER	A DEGREES	D IN.
48-23-6715	23	1/4

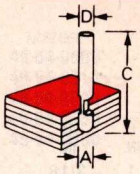
7° BEVEL TRIMMER



SOLID CARBIDE

CATALOG NUMBER	A DEGREES	C IN.	D IN.
48-23-5195	7	1-1/2	1/4

FLUSH TRIM BIT



With pilot. Produces square, flush edge on plastic laminates.

SOLID CARBIDE

CATALOG NUMBER	A IN.	C IN.	D IN.
48-23-5235	1/4	1-1/2	1/4

CARBIDE ROUTER BIT MERCHANDISER
NO. 49-22-0250

- **ATTRACTIVE, COUNTER OR WALL HANGING DISPLAY**
- **LOCKABLE AND PILFER RESISTANT**
- **UNIQUE, VACUUM FORMED POCKETS HOLDS 4 PLUS BITS OF 24 DIFFERENT TYPES**
- **MEASURES ONLY 23-1/2" H × 28-1/4 W**

Comes complete with 22 Bits as listed in the table below.

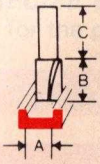
CATALOG NUMBER	NUMBER OF PACKAGES	CATALOG NUMBER	NUMBER OF PACKAGES	CATALOG NUMBER	NUMBER OF PACKAGES
48-23-5055	1	48-23-5430	1	48-23-6200	1
48-23-5056	1	48-23-5520	1	48-23-6400	1
48-23-5070	1	48-23-5530	1	48-23-6520	1
48-23-5080	1	48-23-5600	1	48-23-6700	1
48-23-5100	1	48-23-5710	1	48-23-6715	1
48-23-5235	1	48-23-5800	1	48-23-8210	1
48-23-5295	1	48-23-6020	1		
48-23-5410	1	48-23-6100	1		

HEAVY-DUTY ROUTER BITS

MILWAUKEE HIGH SPEED STEEL ROUTER BITS are a select line, made from high-speed, heat treated, tool steel. Each bit has been carefully evaluated and approved for routing applications with MILWAUKEE routers. Double-ground edges, consistent matching contours, high speed geometry and critical hardness control all add up to maximum accuracy and economy.

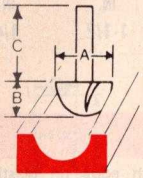
UNLESS OTHERWISE SPECIFIED, ALL SHANK DIAMETERS ARE 1/4"

STRAIGHT BITS — TWO FLUTES



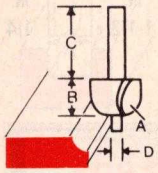
CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-0050	1/4	5/8	1
48-23-0060	5/16	3/4	1-1/4
48-23-0070	3/8	3/4	1
48-23-0080	1/2	3/4	1
48-23-0090	5/8	5/8	1
48-23-0100	3/4	5/8	1

CORE BOX BITS — TWO FLUTES



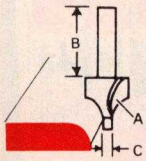
CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-0200	1/4	1/4	1
48-23-0210	3/8	1/4	1
48-23-0220	1/2	11/32	1
48-23-0230	5/8	3/8	1
48-23-0240	3/4	15/32	1

COVE BITS — TWO FLUTES



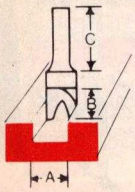
CATALOG NUMBER	A IN. RADIUS	B IN.	C IN.	D IN.
48-23-0310	1/4	1/2	1	3/16
48-23-0320	3/8	5/8	1	3/16
48-23-0330	1/2	3/4	1	3/16

CORNER ROUNDING BITS



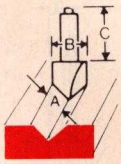
CATALOG NUMBER	A IN. RADIUS	B IN.	C IN.
48-23-0410	1/4	1	3/16
48-23-0430	3/8	1	3/16
48-23-0440	1/2	1	3/16

HINGE MORTISING BITS



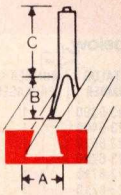
CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-1120	1/2	3/4	1-5/16

V-GROOVING BITS



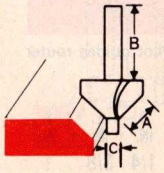
CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-0600	3/8	1/2	1
48-23-0610	7/8	1-1/8	1

DOVETAIL BIT



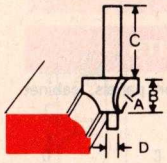
CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-1310	9/16	17/32	1-3/32

CHAMFERING BITS — TWO FLUTES



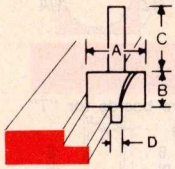
CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-1200	1/2	1	3/16

BEADING BITS — TWO FLUTES



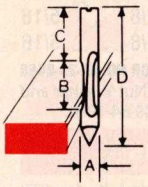
CATALOG NUMBER	A RADIUS	B IN.	C IN.	D IN.
48-23-0510	1/8	3/8	1	3/16
48-23-0520	1/4	1/2	1	3/16
48-23-0530	3/8	3/4	1	3/16

RABBETING BITS



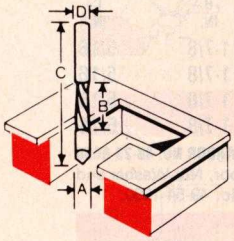
CATALOG NUMBER	RABBET DEPTH IN.	A IN.	B IN.	C IN.	D IN.
48-23-1400	1/4	11/16	7/16	1	3/16
48-23-1410	3/8	15/16	1/2	1	3/16

COMBINATION PILOT PANEL BITS WITH DRILL POINTS



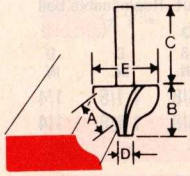
CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-1010	1/4	3/4	1	2-5/8

DOWN SPIRAL PILOT PANEL BITS WITH DRILL POINTS



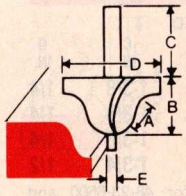
CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-1020	1/4	3/4	2-5/8	1/4
48-23-1025	3/8	7/8	3-1/2	3/8
48-23-1030	1/2	1-3/4	4-1/2	1/2

OGEE BITS



CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.
48-23-0900	3/16	5/8	1	3/16	1 3/16
48-23-0910	9/32	29/32	1	3/16	1 3/16

ROMAN OGEE BITS



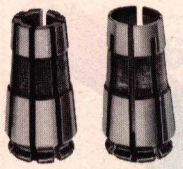
CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.
48-23-0800	5/32	1/2	1	15/16	3/16
48-23-0810	1/4	3/4	1	1-3/16	3/16

HEAVY-DUTY ROUTER ACCESSORIES

COLLETS FOR MILWAUKEE ROUTERS

FOR 1.00 H.P. MODEL

1/4" 3/8"



1/4" COLLET
NO. 48-66-0980 *
3/8" COLLET
NO. 48-66-0990 *

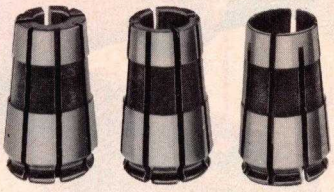
* For ***CURRENT*** 1.00 H.P. Model with serial no. above 451-12247.

1/4" 3/8"

1/4" COLLET
NO. 48-66-0930
3/8" COLLET
NO. 48-66-0940

FOR 1.50 H.P. and 2.00 H.P. MODELS

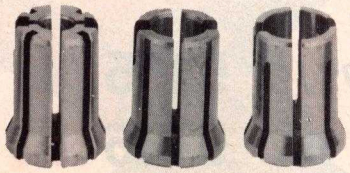
1/4" 3/8" 1/2"



1/4" COLLET
NO. 48-66-0985 *
3/8" COLLET
NO. 48-66-1000 *
1/2" COLLET
NO. 48-66-1010 *

* For ***CURRENT*** 1.50 H.P. Model with serial no. above 452-19550 and ***CURRENT*** 2.00 H.P. Model with serial no. above 608-2566.

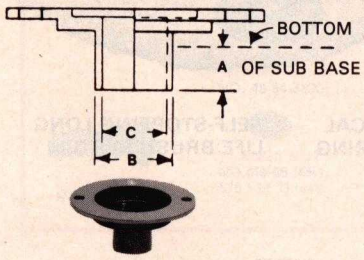
1/4" 3/8" 1/2"



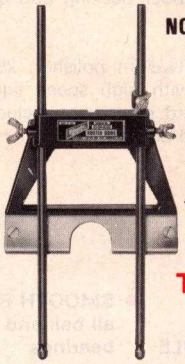
1/4" COLLET
NO. 48-66-0945
3/8" COLLET
NO. 48-66-0950
1/2" COLLET
NO. 48-66-0955

GENERAL TEMPLET GUIDES AND HINGE BUTT GUIDE

For 1.00, 1.50 and 2.00 H.P. Routers (Includes 2 screws)



TEMPLET	DIMENSIONS A	B	C	NUMBER
GENERAL	5/16	1/4	3/16	**49-54-0500**
GENERAL	3/16	3/8	5/16	**49-54-0510**
GENERAL	5/16	7/16	3/8	**49-54-0520**
GENERAL	3/16	5/8	9/16	**49-54-0530**
HINGE BUTT	7/16	5/8	9/16	**49-54-0550**

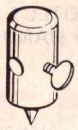


ROUTER GUIDE

NO. 49-54-0200

For straight cuts. Includes Trammel Point Assembly.

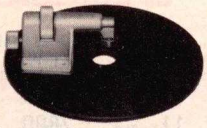
TRAMMEL POINT ASSEMBLY



NO. 49-54-0210

For cutting circles.

VENEER TRIM KIT



NO. 49-54-0300

For cutting hard plastic laminates. Comes complete with base, mounting screws, combination straight and bevel trim bit and extra nylon guide.

OPEN END WRENCHES (See Standard Equipment)

7/8" OPEN END WRENCH	**NO. 49-96-4070**
1" OPEN END WRENCH	**NO. 49-96-4075**
1-1/8" OPEN END WRENCH	**NO. 49-96-4080**
1-1/4" OPEN END WRENCH	**NO. 49-96-4100**

CHIP COLLECTOR ASSEMBLY

NO. 49-54-2000

For fast efficient material removal. Assembly includes 10' 1-1/2" vacuum hose and attaches to any MILWAUKEE vacuum cleaner.

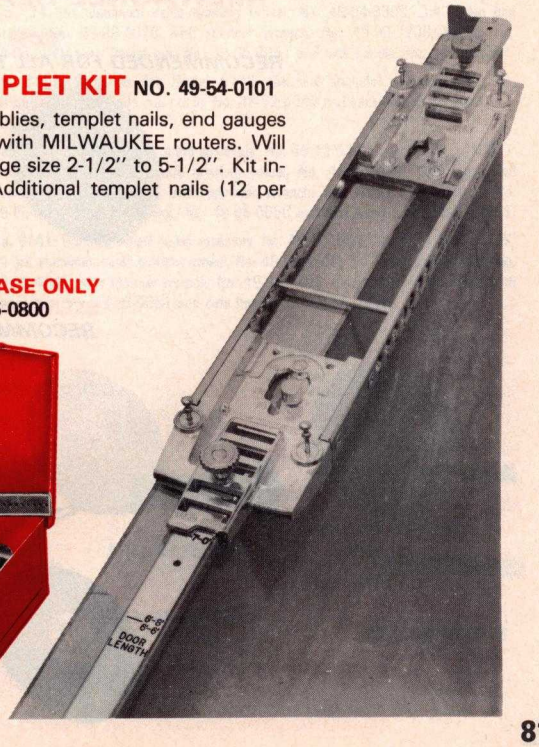
NO. 49-54-0540

Templet Guide Kit for router chip collector.

DOOR AND JAMB BUTT TEMPLET KIT NO. 49-54-0101

Includes carrying case, templet, link rail assemblies, templet nails, end gauges and hinge butt guide No. 49-54-0550 for use with MILWAUKEE routers. Will mortise any 6' 6", 6' 8" or 7' door and any hinge size 2-1/2" to 5-1/2". Kit includes detailed instructions for proper use. Additional templet nails (12 per package) are available (No. 49-54-0600).

CARRYING CASE ONLY
NO. 48-55-0800



HEAVY-DUTY POLISHERS

BALANCED POWERFUL RUGGED

11 AMPS

7"/9" 5455 1750 RPM
7" 5535 2800 RPM

NO. 5455, 7"/9" DIA. Lightweight polisher, 1750 RPM used with standard liquid polishes. Standard equipment includes 7" rubber backing pad and disc nut.

NO. 5535, 7" DIA. Lightweight polisher, 2800 RPM for exclusive use with high speed liquid machine polishes. Standard equipment includes 7" rubber backing pad and disc nut.

- **STRONG LIGHT-WEIGHT NON-CONDUCTIVE GLASS REINFORCED NYLON MOTOR HOUSING AND HANDLE**

FEATURES COMMON TO 7" AND 9" POLISHERS

- **URETHANE BUMPERS PROTECT GEAR CASE & HANDLE**
- **SMOOTH RUNNING all ball and roller bearings**
- **SPRING LOADED SPINDLE LOCK**
- **ALUMINUM GEAR CASE**
- **HELICAL GEARING**
- **SELF-STOPPING LONG LIFE BRUSH SYSTEM**

SPECIFICATIONS

CATALOG NUMBER	PAD DIAMETER	VOLTS AC/DC	AMPS	SPEED NO LOAD (RPM)	LENGTH +	NET WEIGHT	SHIPPING WEIGHT
5455	7"/9"	120	11	1750	16-1/2	8-3/4 lbs.	15-1/2 lbs.
5535	7"	120	11	2800	16-1/2	8-3/4 lbs.	15-1/2 lbs.

+ Over-all length of tool only — not including pad.

MILWAUKEE HEAVY-DUTY POLISHER ACCESSORIES

100% WOOLEN YARN POLISHING PADS

RECOMMENDED FOR ALL TYPES OF COMPOUNDING, BLENDING AND POLISHING

POLISHING PAD

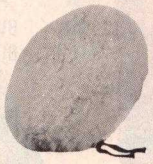
CATALOG NUMBER	DESCRIPTION	DIAMETER	DEPTH OF PILE
49-36-1450	CURVED POLISHING PAD	7-1/2"	1-1/2"
49-36-1455	POLISHING PAD	7-1/2"	2" *
49-36-1600	POLISHING PAD	9"	1-1/2"

* The 2" pile height adds extra density and will outlast any woolen yarn pad on the market. It is more economical to use because of its long life.

BLENDED WOVEN WOOL PADS AND BONNETS

RECOMMENDED FOR HIGH GLOSS FINISHING

LAMBSWOOL PAD



LAMBSWOOL BONNET

CATALOG NUMBER	DESCRIPTION	DIAMETER	DEPTH OF PILE
49-36-0500	CURVED LAMBSWOOL PAD	7-1/2"	1-1/2"
48-48-0500	LAMBSWOOL BONNET	7"	1-1/2"
49-36-0700	LAMBSWOOL PAD	9"	1-1/2"
48-48-1000	LAMBSWOOL BONNET	9"	1-1/2"

MOLDED RUBBER BACKING PAD

CATALOG NUMBER	DESCRIPTION
49-36-2500	7" dia. Molded Rubber Backing Pad
49-36-2200	8-1/2" dia. Molded Rubber Backing Pad
49-40-0390	Disc Nut
49-08-4140	Type "G" Grease 1 lb. Can

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY 4-1/2"–5" SANDER/GRINDERS■

POWERFUL LIGHTWEIGHT COMPACT 5.5 AMP 10,000 RPM

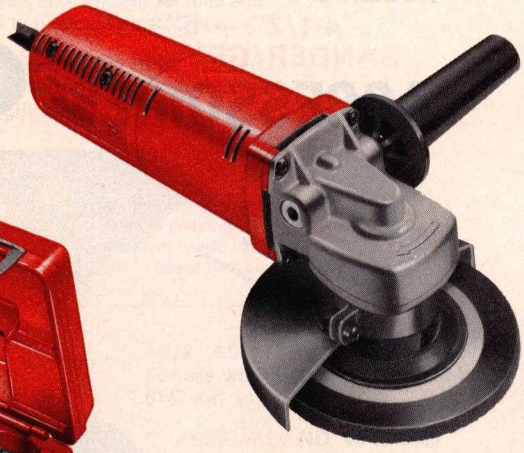
REVERSIBLE SIDE HANDLE
- For right or left handed operation

DOUBLE INSULATED
ALL BALL AND ROLLER BEARINGS
ALUMINUM GEAR HOUSING
MADE IN U.S.A.

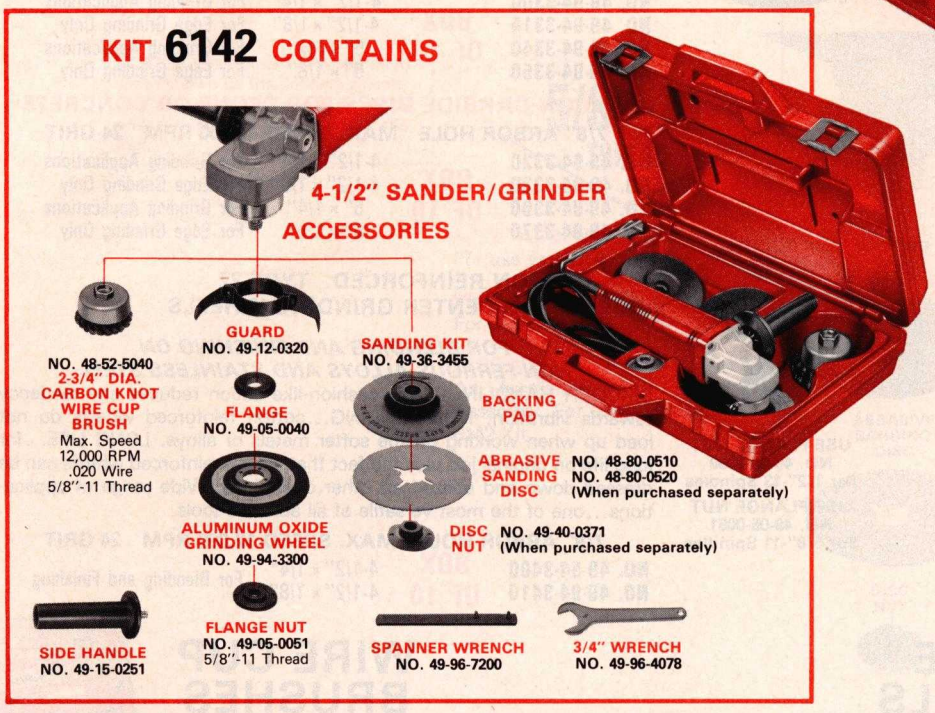
PADDLE SWITCH
- Conveniently mounted for one hand operation

GUARD SINGLE SCREW MOUNT

■ SANDER/GRINDER MAY BE CONVERTED TO A SANDER BY USING SANDER ACCESSORIES SHOWN ON PAGES 84, 85



KIT 6142 CONTAINS



4-1/2" Dia. Models:

6140
5/8"-11 SPINDLE SIZE

(KIT) 6142
5/8"-11 SPINDLE SIZE

6145
1/2"-13 SPINDLE SIZE

5" Dia. Model:

6141
5/8"-11 SPINDLE SIZE

SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIA.	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE SIZE▲	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6140●	10,000	4-1/2"	120	5.5	.75	5/8"-11	10-1/2	4-1/2	6-1/4
6142●	Same as 6140, but with Carrying Case and additional Accessories								11
6145★●	10,000	4-1/2"	120	5.5	.75	1/2"-13	10-1/2	4-1/2	6-1/4
6141●	10,000	5"	120	5.5	.75	5/8"-11	10-1/2	5	7

★ Available in 240 Volts AC-DC. Add -2 after Catalog Number when ordering. See price sheet. Not available in Canada.
● When used as a grinder, guard must be used for O.S.H.A. compliance.
▲ Flange designed to accommodate 7/8" hub depressed center wheel.

STANDARD EQUIPMENT

No. 6140: Grinding wheel guard assembly, No. 49-12-0320; one 4-1/2" × 1/4" × 7/8" 24 grit aluminum oxide grinding wheel, No. 49-94-3300; 3/4" open end wrench, No. 49-96-4078 with spanner wrench, No. 49-96-7200; flange, No. 49-05-0040 with flange nut, No. 49-05-0051 and side handle, No. 49-15-0251.

No. 6142: Same as for Model 6140 and also includes carrying case, No. 48-55-0886; knot wire cup brush, No. 48-52-5040 and backing pad assembly, No. 49-36-3455.

No. 6145: Grinding wheel guard assembly, No. 49-12-0320; one 4-1/2" × 1/4" × 7/8" 24 grit aluminum oxide grinding wheel, No. 49-94-3300; 3/4" open end wrench, No. 49-96-4078 with spanner wrench, No. 49-96-7200; flange No. 49-05-0040 with flange nut, No. 49-05-0050 and side handle, No. 49-15-0251.

No. 6141: Grinding wheel guard assembly, No. 49-12-0330; one 5" × 1/4" × 7/8" 24 grit aluminum oxide grinding wheel, No. 49-94-3340; 3/4" open end wrench, No. 49-96-4078 with spanner wrench, No. 49-96-7200; flange, No. 49-05-0070 with flange nut, No. 49-05-0051 and side handle No. 49-15-0251.

4-1/2" AND 5" SANDER/GRINDER ACCESSORIES

STEEL CARRYING CASE
NO. 48-55-0885

PROTECTIVE CARRYING CASE...HIGH IMPACT POLYETHYLENE
NO. 48-55-0886
Same as furnished with 6142 KIT. May be used with either 4-1/2" or 5" Sander/Grinders.

SIDE HANDLE
NO. 49-15-0251

TYPE "O" GREASE
NO. 49-08-4200
1 LB. CAN

SPANNER WRENCH
NO. 49-96-7200

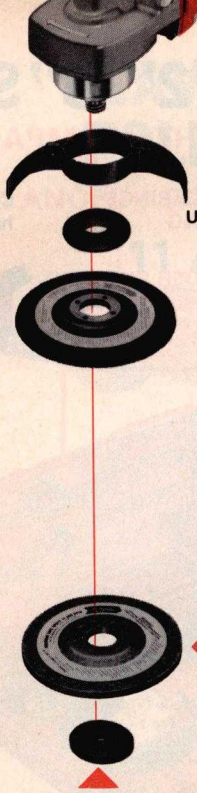
3/4" WRENCH
NO. 49-96-4078

FOR COMPLETE LINE 4-1/2" AND 5" SANDER/GRINDER ACCESSORIES SEE PAGES 84, 85

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY
4-1/2" — 5"
SANDER/GRINDER
ACCESSORIES

NOTE: The maximum safe operating speed shown on the grinding wheels, and any accessory used, must be greater than the no load speed of the tool.



GRINDING WHEELS

USE GUARD
NO. 49-12-0320 for 4-1/2" Grinder
NO. 49-12-0330 for 5" Grinder

USE FLANGE NO. 49-05-0040 for 4-1/2" Grinder **NO. 49-05-0070** for 5" Grinder

REINFORCED TYPE 27 DEPRESSED CENTER GRINDING WHEELS

ALUMINUM OXIDE DISCS FOR METAL

7/8" ARBOR HOLE MAX. SPEED 12,500 RPM 24 GRIT

NO. 49-94-3300	BOX OF 10	4-1/2" × 1/4"	For Grinding Applications
NO. 49-94-3310		4-1/2" × 1/8"	For Edge Grinding Only
NO. 49-94-3340		5" × 1/4"	For Grinding Applications
NO. 49-94-3350		5" × 1/8"	For Edge Grinding Only

SILICON CARBIDE DISCS FOR STONE OR CONCRETE

7/8" ARBOR HOLE MAX. SPEED 12,500 RPM 24 GRIT

NO. 49-94-3320	BOX OF 10	4-1/2" × 1/4"	For Grinding Applications
NO. 49-94-3330		4-1/2" × 1/8"	For Edge Grinding Only
NO. 49-94-3360		5" × 1/4"	For Grinding Applications
NO. 49-94-3370		5" × 1/8"	For Edge Grinding Only

USE FLANGE NUT
NO. 49-05-0050
For 1/2"-13 Spindles
USE FLANGE NUT
NO. 49-05-0051
For 5/8"-11 Spindles

COTTON REINFORCED TYPE 27 DEPRESSED CENTER GRINDING WHEELS

FOR BLENDING AND FINISHING ON NON-FERROUS ALLOYS AND STAINLESS STEEL

SMOOTH HANDLING...soft cushion-like action reduces any tendency towards vibration. NON-LOADING...cotton reinforced wheels do not load up when working on the softer metals or alloys. LONG LIFE...for long life on original job plus the fact that cotton reinforced wheels can be dressed down and utilized on other operations. Wide range of applications...one of the most versatile of all abrasive tools.

7/8" ARBOR HOLE MAX. SPEED 12,000 RPM 24 GRIT

NO. 49-94-3400	BOX OF 10	4-1/2" × 1/4"	For Blending and Finishing
NO. 49-94-3410		4-1/2" × 1/8"	

WIRE WHEELS

USE GUARD
NO. 49-12-0320 for 4-1/2" Grinder
NO. 49-12-0330 for 5" Grinder

5/8"-11 THREAD

NO. 48-52-5000
4" DIA. STAINLESS STEEL STRINGER BEAD WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 5/8"-11 THREAD

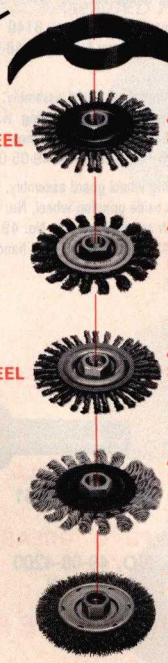
NO. 48-52-5030
4" DIA. CARBON FULL CABLE TWIST KNOT WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 5/8"-11 THREAD

NO. 48-52-5010
4" DIA. CARBON STRINGER BEAD WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 5/8"-11 THREAD

NO. 48-52-5020
4" DIA. STAINLESS STEEL FULL CABLE TWIST KNOT WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 5/8"-11 THREAD

NO. 48-52-5070
4" DIA. CARBON RADIAL CRIMPED WIRE WHEEL BRUSH
MAX. SPEED 12,000 RPM
.014 WIRE 5/8"-11 THREAD

1/2"-13 THREAD



NO. 48-52-1225
4" DIA. STAINLESS STEEL STRINGER BEAD WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

NO. 48-52-1250
4" DIA. CARBON FULL CABLE TWIST KNOT WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

NO. 48-52-2220
4" DIA. CARBON STRINGER BEAD WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

NO. 48-52-2225
4" DIA. STAINLESS STEEL FULL CABLE TWIST KNOT WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

NO. 48-52-1275
4" DIA. CARBON RADIAL CRIMPED WIRE WHEEL BRUSH
MAX. SPEED 12,000 RPM
.014 WIRE 1/2"-13 THREAD

WIRE CUP BRUSHES

USE GUARD
NO. 49-12-0320 for 4-1/2" Grinder
NO. 49-12-0330 for 5" Grinder

5/8"-11 THREAD

NO. 48-52-5040
2-3/4" DIA. CARBON KNOT WIRE CUP BRUSH
MAX. SPEED 12,000 RPM
.020 WIRE 5/8"-11 THREAD

NO. 48-52-5050
2-3/4" DIA. STAINLESS STEEL SINGLE ROW KNOT WIRE CUP BRUSH
MAX. SPEED 12,000 RPM
.020 WIRE 5/8"-11 THREAD

NO. 48-52-5060
3" DIA. CARBON CRIMPED WIRE 1-1/4" TRIM LENGTH CUP BRUSH
MAX. SPEED 12,000 RPM
.012 WIRE 5/8"-11 THREAD

1/2"-13 THREAD

NO. 48-52-1125
2-3/4" DIA. CARBON KNOT WIRE CUP BRUSH
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

NO. 48-52-1130
2-3/4" DIA. STAINLESS STEEL SINGLE ROW KNOT WIRE CUP BRUSH
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

NO. 48-52-1135
3" DIA. CARBON CRIMPED WIRE 1-1/4" TRIM LENGTH CUP BRUSH
MAX. SPEED 12,000 RPM
.012 WIRE 1/2"-13 THREAD

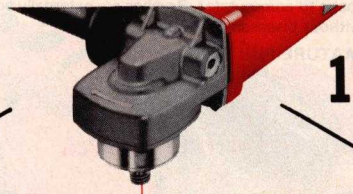
HEAVY-DUTY
4-1/2" — 5"
SANDER/GRINDER
ACCESSORIES

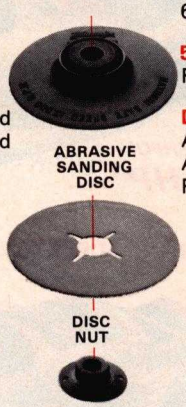
NOTE: The maximum safe operating speed shown on the grinding wheels, and any accessory used, must be greater than the no load speed of the tool.

BACKING PAD ASSEMBLIES

The MILWAUKEE Backing Pad Assembly is designed especially for use with 4-1/2" and 5" Sander/Grinders. The flexible backing pad is perfectly balanced for precise and efficient sanding and has a steel hub for easy installation.

Maximum speed 13,000 RPM. Includes backing pad, disc nut, and one each of 36 and 60 grit sanding discs.





5/8"-11 THREAD

4-1/2" ASSEMBLY NO. 49-36-3455
For use with 6140 and 6142 Kit.

5" ASSEMBLY NO. 49-36-3465
For use with 6141.

DISC NUT *ONLY* NO. 49-40-0371
As furnished with Backing Pad Assembly. For use with 6140, 6141 and 6142 Kit.

1/2"-13 THREAD

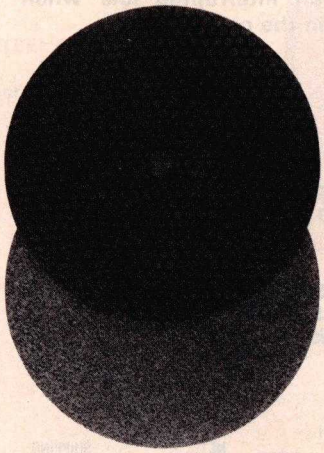
4-1/2" ASSEMBLY NO. 49-36-3450
For use with 6145 and Previous Model 6147 Kit.

5" ASSEMBLY NO. 49-36-3460
For use with Previous Model 6146.

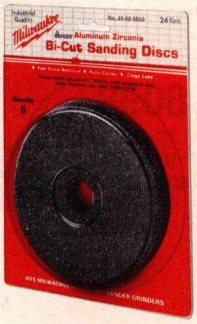
DISC NUT *ONLY* NO. 49-40-0370
As furnished with Backing Pad Assembly. For use with 6145 or Previous Models 6146 and 6147 Kit.

ABRASIVE SANDING DISCS

ALUMINUM ZIRCONIA BI-CUT SANDING DISC



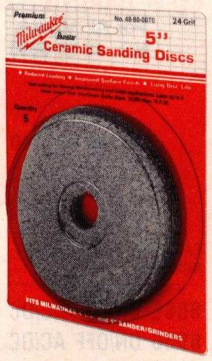
CERAMIC SANDING DISC



ALUMINUM ZIRCONIA BI-CUT SANDING DISCS

A high quality disc ideal for paint removal on cars, boats, fiberglass, etc. Unique grit pattern is arranged in clusters for faster stock removal and cleaning—runs cooler and clogs less than standard Aluminum Oxide discs.

5" DIA.*	NO. 48-80-0650	PACK OF 5	24 GRIT
	NO. 48-80-0660		36 GRIT



CERAMIC SANDING DISCS

MILWAUKEE's highest quality, premium grade Ceramic Discs last up to 3 times longer than Aluminum Oxide Discs. For general metal working. Ideal for tough applications. Greatly improved surface finish with reduced loading.

	NO. 48-80-0670		24 GRIT
	NO. 48-80-0680		36 GRIT
5" DIA.*	NO. 48-80-0690	PACK OF 5	50 GRIT
	NO. 48-80-0700		60 GRIT
	NO. 48-80-0710		80 GRIT

* Can be used on 4-1/2" and 5" Sander/Grinders.

ALUMINUM OXIDE SANDING DISCS

Fast cutting general purpose discs for most metal working applications. Tough aluminum oxide grit, resin bonded to fiber backing.

4-1/2" DIA.			5" DIA.		
NO. 48-80-0500	BOX OF 10	24 GRIT	NO. 48-80-0600	BOX OF 10	24 GRIT
NO. 48-80-0510		36 GRIT	NO. 48-80-0610		36 GRIT
NO. 48-80-0520		60 GRIT	NO. 48-80-0620		60 GRIT
NO. 48-80-0530		80 GRIT	NO. 48-80-0630		80 GRIT
NO. 48-80-0540		120 GRIT	NO. 48-80-0640		120 GRIT

HEAVY-DUTY 15 AMP SANDER/GRINDERS■

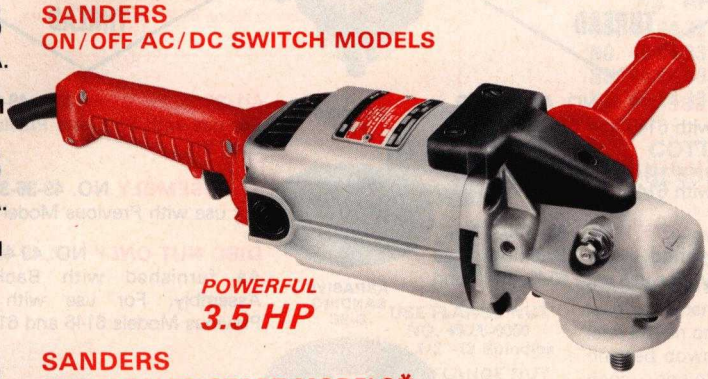
■ *MILWAUKEE SANDERS MAY BE CONVERTED TO GRINDERS BY USING THE PROPER WHEEL GUARD FOR GRINDING OPERATIONS. SEE PAGES 88 AND 89 FOR ASSEMBLIES, WHEEL GUARDS AND ACCESSORIES.*

- **HEAVY-DUTY ALUMINUM GEAR CASE AND MOTOR HOUSING**
- **SPIRAL BEVEL GEARING** For Smoother operation and longer tool life.
- **SPINDLE BEARING**—double sealed to prevent dust contamination in heaviest use.
- **REMOVABLE VENT COVER PERMITS INSPECTION OF BRUSHES AND COMMUTATOR**
- **SELF-STOPPING LONG LIFE BRUSHES**—Stops tool when brushes are worn—prevents damage to commutator. Brushes are externally accessible for quick replacement without disassembly of sander.
- **REMOVABLE ARMATURE PINION**
- **HI-VOLUME AIR FLOW FAN**—for cooler running motor.
- **BALL BEARING MOUNTED ARMATURE** dynamically balanced and vibration free.
- **ALL BALL AND ROLLER BEARINGS**
- **LARGE FLANGE REVERSIBLE SIDE HANDLE** Right or left handed operation.
- **RECESSED SPINDLE LOCK BUTTON**—Easily replaceable.
- **HEAVY-DUTY IMPACT RESISTANT URETHANE TOOL REST**
- **RUBBER SPINDLE WASHER** for easy wheel removal—prevents wheels from freezing on spindle.

6065
7"/9" DIA.
15 AMP
5000 RPM

6066
7"/9" DIA.
15 AMP
6000 RPM

SANDERS
ON/OFF AC/DC SWITCH MODELS



POWERFUL
3.5 HP

SEE PAGE 90 FOR:
SANDING DISCS
BACKING PAD ASSEMBLIES
SANDING DISC TRIMMER

6095
7"/9" DIA.
15 AMP
5000 RPM

6096
7"/9" DIA.
15 AMP
6000 RPM

SANDERS
CONTROLLED START MODELS*

POWERFUL
3.5 HP

HEAVY-DUTY
INDUSTRIAL/
CONSTRUCTION
ELECTRONICS

ON MODELS 6095, 6096, 6098 ONLY

***CONTROLLED START...Drastically reduces Torque Reaction when starting tool...extends gear, brush and motor life.**

6098
7" DIA.
15 AMP
8000 RPM

GRINDER
CONTROLLED START MODEL*

POWERFUL
3.5 HP

CONTROLLED START MODELS HAVE
LINE LOCK-OUT FEATURE

Prevents tool from operating should voltage be restored to an interrupted line when switch is locked in the on position.

8000 RPM
FOR SUPER FAST GRINDING

6098 GRINDER IS NOT RECOMMENDED FOR SANDING

GRINDING WHEEL NOT INCLUDED...SELECT GRINDING ACCESSORIES FROM PAGES 88, 89

STEEL CARRYING CASE
For All Models
NO. 48-55-0890

TYPE "G" GREASE
1 lb. can
NO. 49-08-4140

SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE THREAD SIZE	LENGTH LESS DISC	NET WEIGHT	SHIPPING WEIGHT
6065 ON/OFF AC/DC Switch	5000	7"/9"	120	15.0	3.5	5/8"-11	17-1/2"	12 lbs.	16-3/4 lbs.
6066 ON/OFF AC/DC Switch	6000	7"/9"	120	15.0	3.5	5/8"-11	17-1/2"	12 lbs.	16-3/4 lbs.
6095 With Controlled Start	5000	7"/9"	120*	15.0	3.5	5/8"-11	17-1/2"	12 lbs.	16-3/4 lbs.
6096 With Controlled Start	6000	7"/9"	120*	15.0	3.5	5/8"-11	17-1/2"	12 lbs.	16-3/4 lbs.
6098 With Controlled Start	8000	7"	120*	15.0	3.5	5/8"-11	17-1/2"	12-3/4 lbs.	17-1/2 lbs.

* For DC Voltage, tool operates without controlled start feature.

STANDARD EQUIPMENT: For 6065, 6066, 6095, 6096. Side Handle, Flange and Rubber Washer only. Order all other accessories separately.
For 6098. Side Handle, Flange, Rubber Washer, Wheel Guard and mounting hardware.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY 13 AMP SANDERS■

POWERFUL **SMOOTH RUNNING** **ALL BALL BEARINGS**

■ *MILWAUKEE SANDERS MAY BE CONVERTED TO GRINDERS BY USING THE PROPER WHEEL GUARD FOR GRINDING OPERATIONS. SEE PAGES 88 AND 89 FOR ASSEMBLIES, WHEEL GUARDS AND ACCESSORIES.*

LIGHTWEIGHT—ONLY 9-1/4 LBS.

6072
7"/9" DIA.
13 AMP
5000 RPM

- **SPIRAL BEVEL GEARING**
- **REPLACEABLE ARMATURE PINION**
- **LOW PROFILE DESIGN** facilitates sanding in confined areas.
- **GLASS FILLED NYLON MOTOR HOUSING** non-conductive Lighter, cooler, more comfortable
- **REVERSIBLE SIDE HANDLE**
- **HEAVY-DUTY SWITCH** • **RECESSED SPINDLE LOCK BUTTON**
- **BALL BEARING MOUNTED ARMATURE** is dynamically balanced and vibration free.
- **SELF-STOPPING LONG LIFE BRUSH SYSTEM** stops tool when brushes are worn—prevents damage to commutator. External brush holders permit inspection and replacement of brushes without disassembly of sanders.
- **SMOOTH RUNNING** all ball bearings. Bearings and seals matched to armature speed.
- **HEAVY-DUTY URETHANE TOOL REST** for Model 6072 only.

6075
7" DIA.
13 AMP
6000 RPM

FAST SANDING MODEL NO. 6075

• 6000 RPM • DOUBLE INSULATED

BUILT-IN TOOL REST for even LOWER PROFILE DESIGN

STEEL CARRYING CASE
NO. 48-55-0890
For Models 6072 and 6075

TYPE "G" GREASE
1 lb. can
NO. 49-08-4140

SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE THREAD SIZE	LENGTH LESS DISC	NET WEIGHT	SHIPPING WEIGHT
6072	5000	7"/9"	120	13.0	2.25	5/8"-11	17"	9-1/4 lbs.	12 lbs.
6075	6000	7"	120	13.0	2.25	5/8"-11	17"	9-1/4 lbs.	12 lbs.

STANDARD EQUIPMENT: Side Handle, Flange and Rubber Washer only. Order all other accessories separately.

SEE PAGE 90 for: ***Sanding Discs, Backing Pad Assemblies, Sanding Disc Trimmer***

HEAVY-DUTY GRINDER ACCESSORIES

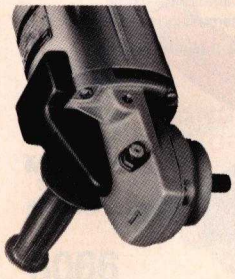
- *CAUTION: ALWAYS USE COMBINATIONS OF SAFETY ATTACHMENTS AS ILLUSTRATED*
- *WEAR SAFETY GOGGLES.* • *SAFETY GUARDS REQUIRED.*

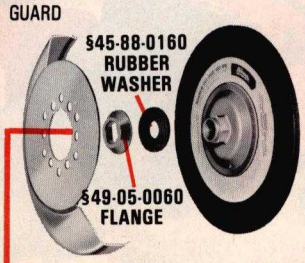
NOTE: THE MAXIMUM SAFE OPERATING SPEED SHOWN ON THE GRINDING WHEELS MUST BE GREATER THAN THE NO LOAD SPEED OF THE TOOL.

FLAT REINFORCED GRINDING DISCS

Strong and tough. Nylon reinforced to resist breakage from twisting, starting torque or lateral pressure.

§ MILWAUKEE recommends Grinding Discs be used with rubber washer No. 45-88-0160 and flange No. 49-05-0060.





GUARD FOR FLAT REINFORCED GRINDING DISC

49-12-0350	Fits 7" Wheels
49-12-0340	Fits 9" Wheels

CATALOG NUMBER				MAX. SAFE SPEED RPM
ALUMINUM OXIDE DISCS FOR METAL				
49-93-3110	24 GRIT	7" × 1/4"	5/8"-11 Thd. Hub	8500
49-93-3230	24 GRIT	9" × 1/4"	5/8"-11 Thd. Hub	6500
49-93-3170	46 GRIT	7" × 1/4"	5/8"-11 Thd. Hub	8500
49-93-3290	46 GRIT	9" × 1/4"	5/8"-11 Thd. Hub	6500
SILICON CARBIDE DISCS FOR STONE OR CONCRETE				
49-93-3130	16 GRIT	7" × 1/4"	5/8"-11 Thd. Hub	8500
49-93-3250	16 GRIT	9" × 1/4"	5/8"-11 Thd. Hub	6500

(BOX OF 10)

CATALOG NUMBER (10 WHEELS PER BOX)					MAX. SAFE SPEED RPM
ALUMINUM OXIDE DISCS FOR METAL					
49-94-3111	BOX OF 10	24 GRIT	7" × 1/4"	5/8"-11 Thd. Hub	8500
49-94-3231		24 GRIT	9" × 1/4"	5/8"-11 Thd. Hub	6500
49-94-3171		46 GRIT	7" × 1/4"	5/8"-11 Thd. Hub	8500
49-94-3291		46 GRIT	9" × 1/4"	5/8"-11 Thd. Hub	6500
SILICON CARBIDE DISCS FOR STONE OR CONCRETE					
49-94-3131	BOX OF 10	16 GRIT	7" × 1/4"	5/8"-11 Thd. Hub	8500
49-94-3251		16 GRIT	9" × 1/4"	5/8"-11 Thd. Hub	6500

ECONOMICAL DEPRESSED CENTER GRINDING DISCS

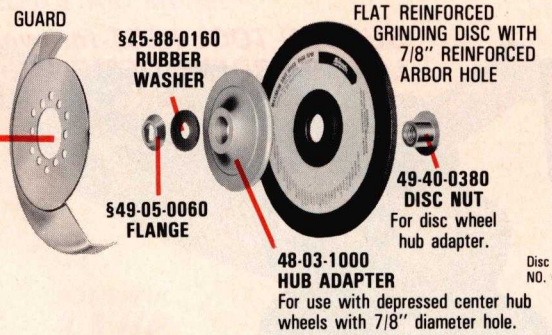
WITH 7/8" REINFORCED ARBOR HOLE...SOLD ONLY IN BOXES OF 10

The same high quality grinding disc as the flat reinforced disc above, but with 7/8" reinforced arbor hole. Use with guard, hub adaptor, and disc nut. Less expensive than disc with permanent mounted hub.

§ MILWAUKEE recommends Grinding Discs be used with rubber washer No. 45-88-0160 and flange No. 49-05-0060.

GUARD FOR FLAT REINFORCED GRINDING DISC

49-12-0350	Fits 7" Wheels
49-12-0340	Fits 9" Wheels



ALUMINUM OXIDE DISCS FOR METAL
GRINDING DISCS HAVE 7/8" REINFORCED ARBOR HOLE

CATALOG NUMBER (10 WHEELS PER BOX)				MAX. SAFE SPEED RPM
49-94-3112	BOX OF 10	24 GRIT	7" × 1/4"	8500
49-94-3232		24 GRIT	9" × 1/4"	6500
49-94-3172		46 GRIT	7" × 1/4"	8500
49-94-3292		46 GRIT	9" × 1/4"	6500

Disc Nut also requires NO. 49-96-7200 Spanner Wrench.

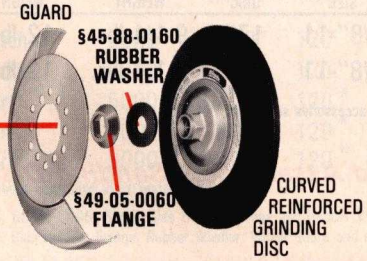
CURVED REINFORCED GRINDING DISCS

Nylon reinforced curved grinding discs for grinding welds. Contour shape permits easier accessibility to work surfaces.

§ MILWAUKEE recommends Grinding Discs be used with rubber washer No. 45-88-0160 and flange No. 49-05-0060.

GUARD FOR CURVED REINFORCED GRINDING DISC

49-12-0100	Fits 7" Grinder
49-12-0110	Fits 9" Grinder



CATALOG NUMBER				MAX. SAFE SPEED RPM
49-93-3120	24 GRIT	7" × 1/4"	5/8"-11 Thd. Hub	7750
49-93-3240	24 GRIT	9" × 1/4"	5/8"-11 Thd. Hub	6500
49-93-3180	46 GRIT	7" × 1/4"	5/8"-11 Thd. Hub	7750
49-93-3300	46 GRIT	9" × 1/4"	5/8"-11 Thd. Hub	6500

HEAVY-DUTY GRINDER ACCESSORIES

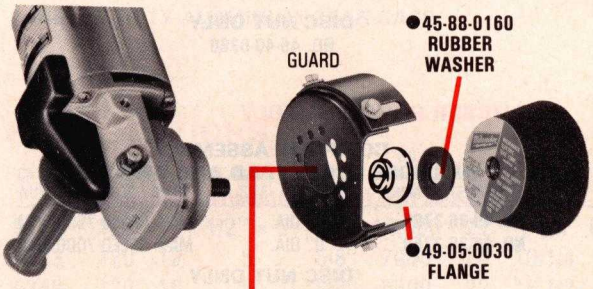
- *CAUTION: ALWAYS USE COMBINATIONS OF SAFETY ATTACHMENTS AS ILLUSTRATED.*
- *WEAR SAFETY GOGGLES.* • *SAFETY GUARDS REQUIRED.*

NOTE: THE MAXIMUM SAFE OPERATING SPEED SHOWN ON THE WIRE BRUSHES MUST BE GREATER THAN THE NO LOAD SPEED OF THE TOOL.

FLARED CUP GRINDING WHEELS•

Aluminum oxide for all general purpose metal grinding. Resinoid bonded. These wheels are fitted with 5/8"-11 threaded bushing molded integrally for ready mounting.

- For use on 13 and 15 amp Sanders. Skirt guard as well as flange, No. 49-05-0030 and rubber washer, No. 45-88-0160 must be used for proper installation of this accessory.



CATALOG NUMBER		MAX. SAFE SPEED RPM
49-93-5140	16 GRIT 4" DIA. FOR 7" GRINDERS 5/8"-11 Thd.	9000
49-93-5220	16 GRIT 5" DIA. FOR 9" GRINDERS 5/8"-11 Thd.	7200

ADJUSTABLE SKIRT GUARD FOR FLARED CUP GRINDING WHEELS

49-12-0062*	For 4" Cup Wheel	FLANGE INCLUDED
49-12-0072*	For 5" Cup Wheel	

* Previous models 6022, 6062, 6082, 6084, 6086, 6088, 6089, 6090, 6102 and 6104. Use 4" guard, No. 49-12-0061 or 5" guard, No. 49-12-0071.

ARMOR CUP GRINDING WHEELS•

Resinoid bonded. Special fine grit outer rim wears slowly...prevents rounded edges for high performance without distortion. Eliminates waste by maintaining a flat grinding surface even under the toughest conditions...provides longer usable cup life. 5/8"-11 threaded bushing integrally molded for easy mounting.

- For use on 13 and 15 amp sanders. Skirt guard as well as flange, No. 49-05-0030 and rubber washer, No. 45-88-0160 must be used for proper installation of this accessory.

CATALOG NUMBER		MAX. SAFE SPEED RPM
	ALUMINUM OXIDE ARMOR CUP FOR METAL	
49-93-5250	16/24 GRIT 4" DIA. FOR 7" GRIND. 5/8"-11 Thd.	9000
49-93-5270	16/24 GRIT 5" DIA. FOR 9" GRIND. 5/8"-11 Thd.	7200
	SILICON CARBIDE ARMOR-CUP FOR STONE OR CONCRETE	
49-93-5260	16/24 GRIT 4" DIA. FOR 7" GRIND. 5/8"-11 Thd.	9000
49-93-5280	16/24 GRIT 5" DIA. FOR 9" GRIND. 5/8"-11 Thd.	7200

ADJUSTABLE SKIRT GUARD FOR ARMOR-CUP GRINDING WHEELS

49-12-0062*	For 4" Cup Wheel	FLANGE INCLUDED
49-12-0072*	For 5" Cup Wheel	

* Previous models 6022, 6062, 6082, 6084, 6086, 6088, 6089, 6090, 6102 and 6104. Use 4" guard, No. 49-12-0061 or 5" guard, No. 49-12-0071.

CRIMPED or KNOT WIRE CUP BRUSHES

Finest quality crimped or knot wire brushes to give long service life on the toughest cleaning jobs. Ideally suited for cleaning castings, structural steel, sheet metal, stone and concrete.

CATALOG NUMBER			MAX. SAFE SPEED RPM
	4" DIAMETER FOR 7" GRINDERS		
48-52-1300	.014 Crimped Wire	5/8"-11 Thread	7000
48-52-1350	.020 Knot Wire	5/8"-11 Thread	7000
	6" DIAMETER FOR 9" GRINDERS		
48-52-1600	.014 Crimped Wire	5/8"-11 Thread	6000
48-52-1650	.020 Knot Wire	5/8"-11 Thread	6000

SEE PAGE 90 FOR SANDING DISC, BACKING PAD ASSEMBLIES SANDING DISC TRIMMER

HEAVY-DUTY SANDER ACCESSORIES

BACKING PAD ASSEMBLIES

Light, perfectly balanced assemblies provide flexibility for curves and contours. Abrasive discs can be trimmed down to the next smaller diameter to be used with smaller backing discs, affording greater economy.

SPIRAL DESIGN BACKING PAD

AIR COOLED...IDEAL FOR ALL SANDING OPERATIONS ON METAL, PLASTIC, FIBERGLASS, ETC.

ABRASIVE SANDING DISC TRIMMER
NO. 49-80-1000

INCREASE THE LIFE OF USED SANDING DISCS BY TRIMMING

REPLACEMENT CUTTER BLADES

UPPER BLADE
NO. 49-80-1050

LOWER BLADE
NO. 49-80-1150

SPIRAL DESIGN PAD ASSEMBLY

COMPLETE ASSEMBLY INCLUDES RUBBER PAD AND DISC NUT
Does Not Include Abrasive Sanding Disc

NO. 49-36-3800	7" DIA.	MAX. SPEED 7500 RPM
NO. 49-36-3850	9" DIA.	MAX. SPEED 6000 RPM

DISC NUT ONLY
NO. 49-40-0360

RUBBER PAD ASSEMBLY

COMPLETE ASSEMBLY INCLUDES RUBBER PAD AND DISC NUT
Does Not Include Abrasive Sanding Disc

NO. 49-36-3700	7" DIA.	MAX. SPEED 7500 RPM
NO. 49-36-3750	9" DIA.	MAX. SPEED 7000 RPM

DISC NUT ONLY
NO. 49-40-0360

STANDARD PHENOLIC DISC ASSEMBLIES

COMPLETE ASSEMBLY INCLUDES RUBBER PAD, DISC AND DISC NUT
Does Not Include Abrasive Sanding Disc

NO. 49-36-6000	7" DIA.	MAX. SPEED 10,000 RPM
NO. 49-36-6050	9" DIA.	MAX. SPEED 10,000 RPM

PHENOLIC DISC ONLY
Must Be Used With Rubber Pad No. 49-36-3500

NO. 48-80-6000	7" DIA.	MAX. SPEED 7000 RPM
NO. 48-80-6050	9" DIA.	MAX. SPEED 7000 RPM

RUBBER PAD ONLY NO. 49-36-3500 MAX. SPEED 10,000 RPM

DISC NUT ONLY NO. 49-40-0350

POLYPROPOLYNE PAD Includes Disc Nut

Does Not Include Abrasive Sanding Disc

NO. 49-36-3900	7" DIA.	MAX. SPEED 8000 RPM
NO. 49-36-3950	9" DIA.	MAX. SPEED 7500 RPM

DISC NUT ONLY
NO. 49-40-0360

ABRASIVE SANDING DISCS

Ceramic Sanding Discs

MILWAUKEE's highest quality, premium grade Ceramic Discs last up to 3 times longer than Aluminum Oxide Discs. For general metal working.

CATALOG NUMBER (5 PER PACK)		FOR 7" DIAMETER ASSEMBLIES	
NO. 48-80-2320	BOX OF 5	24 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2330		36 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2340		50 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2350		60 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2360		80 GRIT	MAX. SPEED 7000 RPM

Ideal for tough applications. Greatly improved surface finish with reduced loading.

CATALOG NUMBER (5 PER PACK)		FOR 9" DIAMETER ASSEMBLIES	
NO. 48-80-2820	BOX OF 5	24 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2830		36 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2840		50 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2850		60 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2860		80 GRIT	MAX. SPEED 7000 RPM

Aluminum Zirconia Bi-Cut Sanding Discs

A high quality disc ideal for paint removal on cars, boats, fiberglass, etc. Unique grit pattern is arranged in clusters for faster stock removal and cleaning—runs cooler and clogs less than standard Aluminum Oxide discs.

CATALOG NUMBER (5 PER PACK)		FOR 7" DIAMETER ASSEMBLIES	
NO. 48-80-2300	BOX OF 5	24 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2310		36 GRIT	MAX. SPEED 7000 RPM

CATALOG NUMBER (5 PER PACK)		FOR 9" DIAMETER ASSEMBLIES	
NO. 48-80-2800	BOX OF 5	24 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2810		36 GRIT	MAX. SPEED 7000 RPM

Aluminum Oxide Sanding Discs

Fast cutting general purpose discs for most metal working applications.

CATALOG NUMBER (10 PER BOX)		FOR 7" DIAMETER ASSEMBLIES	
NO. 48-80-2000	BOX OF 10	16 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2050		24 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2100		36 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2200		60 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2250		80 GRIT	MAX. SPEED 7000 RPM

Tough aluminum oxide grit, resin bonded to fiber backing.

CATALOG NUMBER (10 PER BOX)		FOR 9" DIAMETER ASSEMBLIES	
NO. 48-80-2500	BOX OF 10	16 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2550		24 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2600		36 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2700		60 GRIT	MAX. SPEED 7000 RPM
NO. 48-80-2750		80 GRIT	MAX. SPEED 7000 RPM

HEAVY-DUTY STRAIGHT GRINDERS

FEATURES

- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- STRONG, LIGHTWEIGHT, NON-CONDUCTIVE GLASS FILLED NYLON HANDLE
- HIGH IMPACT RESISTANT URETHANE TOOL REST
- COATED SPINDLE HOUSING FOR COOL GRIPPING SURFACE
- HARDENED HELICAL-CUT ALLOY STEEL GEARS AND SHAFT
- SELF-STOPPING, LONG LIFE BRUSH SYSTEM
- BALL BEARING MOUNTED ARMATURE
- HEAVY-DUTY ALUMINUM GEAR CASE

5211
3" DIA.
11 AMP
14,500 RPM

5223
5" DIA.
12 AMP
7000 RPM

5243
6" DIA.
15 AMP
5,500 RPM

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	WHEEL SIZE	HOLE DIA.	NO LOAD RPM	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.
5211	120	11	1/2" × 3"	3/8"	14,500	21	7-3/4	8-3/4
5223	120	12	5"	5/8"	7000	20	10-1/4	16
5243	120	15	6"	5/8"	5500	22	16-1/2	22

STANDARD EQUIPMENT

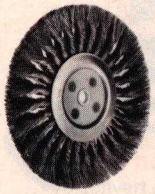
FOR NO. 5211—Includes one 36 grit grinding wheel, wheel guard with hinged face plate and two wrenches.

FOR NO. 5223—Includes one 24 grit grinding wheel, wheel guard and two wrenches.

FOR NO. 5243—Includes 24 grit grinding wheel and adjustable steel wheel guard with hinged face plate and two wrenches.

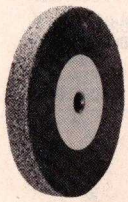
NOTE: The maximum safe operating speed shown on grinding wheels and tuck point abrasive wheels must be greater than the no load speed of the tool.

ACCESSORIES



KNOT WIRE BRUSHES

CATALOG NUMBER	DIA. INS.	HOLE DIAMETER	WIRE SIZE	MAX. WHEEL SPEED
48-52-2310	5	5/8"	.014	8000
48-52-2510	6	1/2"-5/8"	.014	8000



ALUMINUM OXIDE RESINOID BOND GRINDING WHEELS

CATALOG NUMBER	GRIT	SIZE INS.	HOLE DIA.	MAX. WHEEL SPEED (RPM)
49-92-2240	24	5 × 1	5/8"	7,200
49-92-3260	24	6 × 1	5/8"	6,000
49-92-0500	36	3 × 1/2	3/8"	18,000
49-92-0510	60	3 × 1/2	3/8"	18,000
49-92-0200*	60	2-1/2 × 1/2	3/8"	21,000
49-92-0250*	36	2-1/2 × 1/2	3/8"	21,000

* For previous Model 5210.

CLOTH BUFFING WHEELS

1/4" Width 4 per package

CATALOG NUMBER	SIZE (IN.)	HOLE DIA.
49-93-0071	5	5/8"
49-93-0091	6	5/8"

WRENCHES

49-96-6600 Spanner Wrench for No. 5223.
49-96-4050 9/16" Wrench for No. 5210, 5211.
49-96-4075 1" Wrench for No. 5210, 5211.
49-96-4072 1-1/16" Wrench for No. 5223, 5243.
49-96-7230 Spanner Wrench for No. 5243.

GREASE—ONE POUND CANS

49-08-4110 "D" Grease, for 5210, 5211.
49-08-4140 "G" Grease, for 5223, 5243.

TUCK POINT ABRASIVE WHEELS

Maximum Wheel Speeds 7200 RPM
49-92-5020 8" × 1/8" × 5/8" hole
49-92-5040 8" × 3/16" × 5/8" hole
49-92-5060 8" × 1/4" × 5/8" hole

TUCK POINT GUARD

8" Guard **49-12-0310**

TUCK POINT GRINDER ACCESSORY KITS

49-22-6050 Includes wheel guard, spacer unit and 8" × 1/8" × 5/8" hole abrasive wheel. Converts previous models 5220 and 5240 into Tuck Point Grinders.

49-22-6055 Includes wheel guard, spacer unit and 8" × 1/8" × 5/8" hole abrasive wheel. Converts 5243 into Tuck Point Grinder.

WHEEL GUARD ASSEMBLIES

49-12-0280 3" For Grinder Number 5211
49-12-0290 5" For Grinder Number 5223
49-12-0160 6" For Grinder Number 5243
49-12-0140 5" Previous Model Grinder Number 5220
49-12-0150 6" Previous Model Grinder Number 5240

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DIE GRINDERS

POWERFUL SMOOTH RUNNING ALL BALL AND ROLLER BEARINGS

2" DIAMETER 4.5 AMP

5192 21,000 RPM

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE GLASS FILLED NYLON MOTOR HOUSING

- HEAVY-DUTY ALUMINUM GEAR CASE
- FOR MOUNTED WHEELS AND POINTS UP TO 1-5/8" REINFORCED WHEELS UP TO 2"
- ARMATURE IS DYNAMICALLY BALANCED FOR SMOOTH EFFICIENT OPERATION
- ALL BALL AND ROLLER BEARINGS
- DOUBLE INSULATED
- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- HIGH EFFICIENCY FAN
- SELF-STOPPING LONG LIFE BRUSH SYSTEM
- ON/OFF TOGGLE SWITCH

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	COLLET DIAMETER	MAX. GRINDING WHEEL DIA. ■ REINFORCED ORGANIC	MAX. GRINDING WHEEL DIA. ■ NON-REINFORCED
5192	120	4.5	1/8†-1/4‡	2"	1-5/8"

NO LOAD RPM	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.
21,000	13-1/2	4-1/2	4-3/4

† Available as accessory only
‡ Standard equipment

2" DIAMETER 11 AMP

5196 14,500 RPM

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE GLASS FILLED NYLON MOTOR HOUSING AND HANDLE

- HEAVY-DUTY ALUMINUM GEAR CASE
- FOR MOUNTED WHEELS AND POINTS UP TO 2" REINFORCED WHEELS UP TO 2"
- HIGH IMPACT RESISTANT TOOL REST
- REMOVABLE ARMATURE PINION
- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- BALL BEARING MOUNTED ARMATURE
- HIGH EFFICIENCY FAN
- SELF-STOPPING LONG LIFE BRUSH SYSTEM
- HELICAL-CUT ALLOY STEEL GEARS AND SHAFT

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	COLLET DIAMETER	MAX. GRINDING WHEEL DIA. ■ REINFORCED ORGANIC	MAX. GRINDING WHEEL DIA. ■ NON-REINFORCED
5196	120	11	1/8†-1/4‡	2"	2"

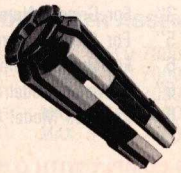
NO LOAD RPM	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.
14,500	21-1/2	7-3/4	8-3/4

† Available as accessory only
‡ Standard equipment

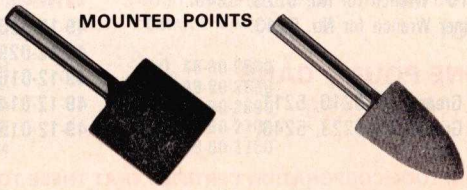
■ *SAFETY NOTE: This Grinder is not supplied with grinding wheel. Before using any grinding wheel be sure speed shown for that wheel is greater than the no load speed of the tool. Tables of maximum operating speeds for mounted wheels are included in the instructions packed with each new grinder.* ***CAUTION:*** **NEVER OPERATE TOOL WITHOUT GRINDING WHEEL OR DOWEL PROPERLY SECURED IN ITS COLLET.**

SEE FOLLOWING PAGE 93 FOR COLLETS, MOUNTED POINTS, ACCESSORIES

COLLET



MOUNTED POINTS



MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DIE GRINDER ACCESSORIES

ACCESSORIES

FOR DIE GRINDER MODEL 5192

NO. 48-66-0975 * 1/4" Collet
NO. 49-96-4090 * 11/16" Open End Wrench
NO. 49-96-4040 * 1/2" Open End Wrench
NO. 48-66-0965 1/8" Collet
NO. 49-08-4110 Type "D" Grease, 1 lb. can
* Included as Standard Equipment.

FOR DIE GRINDER NO. 5196

NO. 48-66-0975 * 1/4" Collet
NO. 49-96-4090 * 11/16" Open End Wrench
NO. 49-96-4040 * 1/2" Open End Wrench
NO. 49-96-4075 * 1" Open End Wrench
NO. 48-66-0965 1/8" Collet
NO. 48-68-0030 Collet Nut—Replacement
NO. 48-68-0040 Collet Body—Replacement
NO. 49-08-4110 Type "D" Grease, 1 lb. can
* Included as Standard Equipment.

FOR PREVIOUS MODEL 5195

With Serial Numbers below 525-10500

NO. 48-66-0970 * 1/4" Collet
NO. 49-96-4040 * 1/2" Open End Wrench
NO. 49-96-4065 * 5/8" Open End Wrench
NO. 49-96-4075 * 1" Open End Wrench
NO. 48-66-0960 1/8" Collet
NO. 49-08-4110 Type "D" Grease, 1 lb. can
* Included as Standard Equipment.

With Serial Numbers above 525-10500

NO. 48-66-0965 1/8" Collet
NO. 48-66-0975 * 1/4" Collet
NO. 49-96-4090 * 11/16" Wrench
NO. 49-08-4110 Type "D" Grease, 1 lb. can
* Included as Standard Equipment.

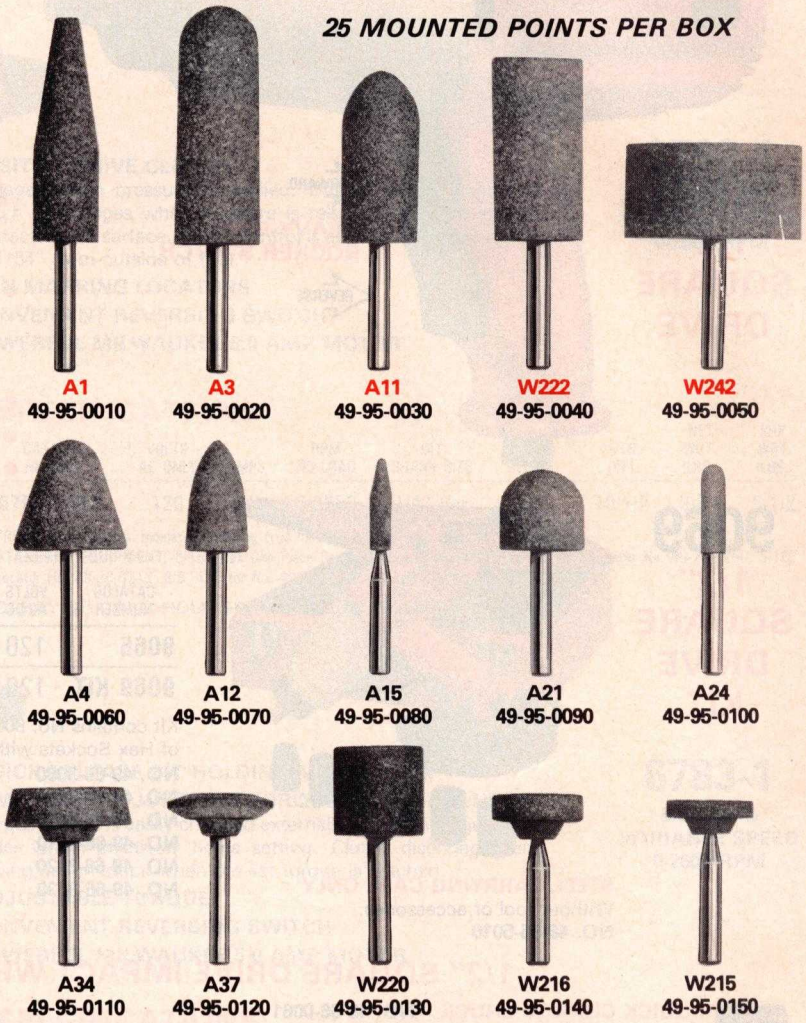
COLLET ASSEMBLY **NO. 48-66-2090**
To convert model 5195 with serial nos. below 525-10500 to new collet system. Includes collet body (48-68-0040) and nut (48-68-0030) order collet separately.

DIE GRINDING POINTS

"GENERAL PURPOSE" 1/4" × 1-1/2" MANDRELS

For finish Grinding, De-Burring, Chamfering and Sharpening

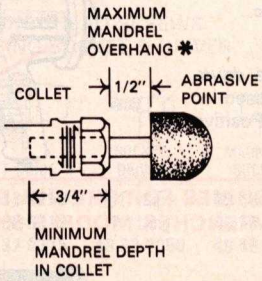
25 MOUNTED POINTS PER BOX



When using MILWAUKEE Die Grinder No. 5196, Mounted Point maximum speed (RPM) must be greater than 15,950 RPM.

When using MILWAUKEE Die Grinder No. 5192, Mounted Point maximum speed (RPM) must be greater than 23,100 RPM.

SEE CHART AT RIGHT.



25 MOUNTED POINTS PER BOX

SHAPE	CATALOG NUMBER	DIAMETER	THICKNESS	MAXIMUM SPEED (RPM) OVERHANG * 1/2"
A1	49-95-0010	3/4"	2-1/2"	19,800
A3	49-95-0020	1"	2-3/4"	16,100
A11	49-95-0030	7/8"	2"	19,860
W222	49-95-0040	1"	2"	15,950
W242	49-95-0050	2"	1"	19,100
A4	49-95-0060	1-1/4"	1-1/4"	30,560
A12	49-95-0070	11/16"	1-1/4"	48,000
A15	49-95-0080	1/4"	1-1/6"	72,750
A21	49-95-0090	1"	1"	34,500
A24	49-95-0100	1/4"	3/4"	76,500
A34	49-95-0110	1-1/2"	3/8"	25,470
A37	49-95-0120	1-1/4"	1/4"	30,560
W220	49-95-0130	1"	1"	25,500
W216	49-95-0140	1"	1/4"	38,200
W215	49-95-0150	1"	1/8"	38,200

* **OVERHANG**—the distance, on the mandrel, between the bottom of the abrasive and the top of the collet.

7-1/2" W × 7" D × 4-1/2" H 3-1/2" Header

23 PIECE SET
NO. 49-95-0005

11-1/4" W × 10-1/2" D × 3-3/8" H 7" Header

50 PIECE SET
NO. 49-95-0006

DIE GRINDING POINTS MERCHANDISERS

WELL ORGANIZED, ATTRACTIVE VISUAL DISPLAYS FOR FAST CUSTOMER SELECTION...INVENTORY CONTROL

23 PIECE SET CONSISTS OF: 5 EACH OF POINTS SHOWN IN RED IN CHART AT RIGHT AND 3 ONLY OF W242.

50 PIECE SET CONSISTS OF: 5 EACH OF POINTS SHOWN IN BLACK IN CHART AT RIGHT.

HEAVY-DUTY IMPACT WRENCH

1/2" SQUARE DRIVE WITH BALL DETENT

9065
1/2" SQUARE DRIVE

FAST ***2800 IMPACTS PER MIN. 200 FT.-LBS. TORQUE***
for heavy-duty industrial applications.

POWERFUL ***6.8 AMP***
MILWAUKEE motor

BALANCED ***COMPACT LIGHTWEIGHT***

- **GLASS REINFORCED NYLON HANDLE AND MOTOR HOUSING** strong, lightweight, non-conductive. Textured nylon handle helps keep grip cool.
- **HEAVY-DUTY ALUMINUM GEAR CASE**
- **EASY ACCESS TO BRUSHES**
- **GROUNDED**

9069
1/2" SQUARE DRIVE KIT

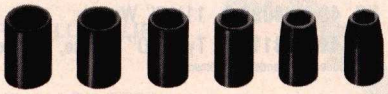
STEEL CARRYING CASE ONLY
Without tool or accessories.
NO. 48-55-5010

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	IMPACTS PER MIN.	NO LOAD RPM	TORQUE FT.-LBS.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
9065	120	6.8	2800	2400	200	9-15/16	6	7
9069 KIT	120	6.8	2800	2400	200	9-15/16	13	13-3/4

Kit contains No. 9065 Impact Wrench, Steel Carrying Case and the following sizes of Hex Sockets with 1/2" square drive.

NO. 49-66-3080	**1/2"**
NO. 49-66-3090	**9/16"**
NO. 49-66-3100	**5/8"**
NO. 49-66-3110	**11/16"**
NO. 49-66-3120	**3/4"**
NO. 49-66-3130	**13/16"**



SOCKETS ALSO SOLD SEPARATELY

1/2" SQUARE DRIVE IMPACT WRENCH ACCESSORIES

QUICK CHANGE CHUCK NO. 48-66-0061
Used with 7/16" Socket Driver and Magnetic Sockets.

7/16" SOCKET DRIVER AND MAGNETIC SOCKETS
For hex head screws and TEKS®

NO. 48-32-2510	**SOCKET DRIVER ★**
NO. 49-66-3170	**5/16" SOCKET ★**
NO. 49-66-3180	**3/8" SOCKET ★**
NO. 49-66-3190	**7/16" SOCKET ★**
NO. 49-66-3200	**1/2" SOCKET ★**

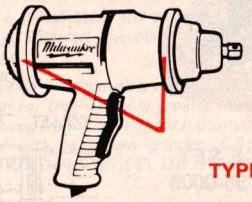
★ 3/8" Square Drive.
TEKS® registered trademark of Illinois Tool Works, Inc.

POSITIVE DETENT KIT NO. 49-17-0405
Replaces standard round detent pin on square drive. Socket will not slip off unless detent pin is pressed in. Below serial no. 656-38701, use No. 49-17-0400 Positive Detent Kit.

UNIVERSAL JOINT NO. 48-03-0500
Fits 1/2" Square Drive and used with Hex Sockets to reach difficult places at various angles...also allows clearance around obstructions.

TOOL HANGER NO. 49-17-0230
For Impact Wrench model 9065.

EXTENSION BAR NO. 48-95-5000
Adapts to 1/2" Square Drive. Provides 5" additional length where required for use with sockets.



PROTECTIVE RUBBER RINGS
BUMPER KIT NO. 48-50-1000
Protective Rubber Rings for Impact Wrench No. 9065.

TYPE "E" GREASE NO. 49-08-4121 1 lb. can

ACCESSORIES FOR PREVIOUS MILWAUKEE 1/2" IMPACT WRENCHES MODELS 9052, 9057, 9051 and 9056

KEYLESS CHUCK NO. 48-66-0010
Adapts to 1/2" Square Drive with capacity for accessories with 1/8" to 1/2" diameter shanks.

TOOL HANGER NO. 49-17-0220
For Impact Wrench models 9051 and 9056.

COLLET CHUCK NO. 48-66-0050
For round shank tools, drill and reamers, 3/16" to 3/8" diameter...also taps and E-Z outs No. 10 to 1/2". Two wrenches are included.

OPEN END WRENCH NO. 49-96-4680
Included and used with Collet Chuck No. 48-66-0050.

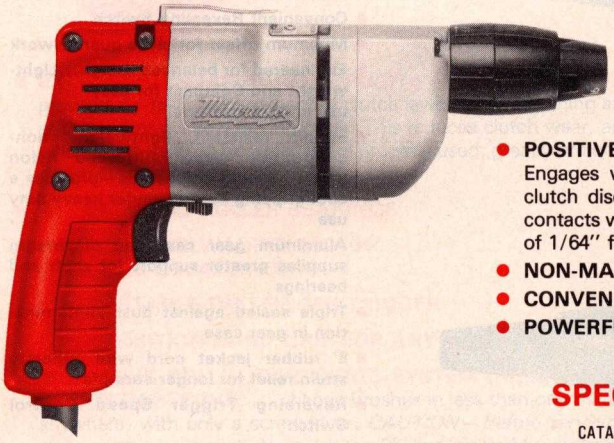
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SPECIAL SCREW-SHOOTERS

FOR DRIVING SELF-DRILLING, SELF-TAPPING TEKS® FASTENERS

TEKS registered trademark of Illinois Tool Works, Inc.

HEAVY-DUTY INDUSTRIAL/ CONSTRUCTION ELECTRONICS



ALL BALL AND ROLLER BEARINGS

6798-1

5.0 AMPS
VARIABLE SPEED
0-2500 RPM

- **POSITIVE DRIVE CLUTCH**
  Engages when pressure is applied. Driving action stops and clutch disengages when pressure is released or when locator contacts work surface. Depth control is adjustable in increments of 1/64" from outside of tool.
- **NON-MARRING LOCATORS**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 5.0 AMP MOTOR**

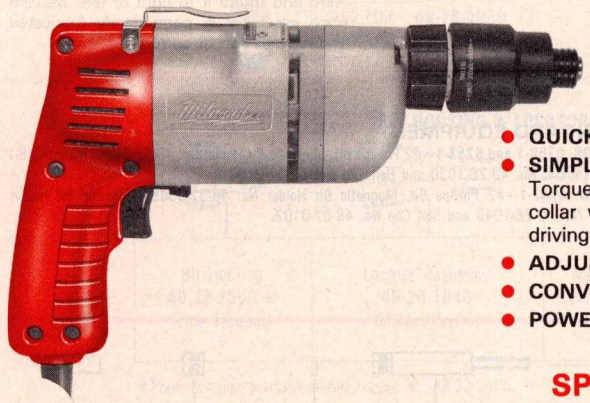
CAPACITY:
1/4" SCREW IN 1/4" COLD ROLLED STEEL OR NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6798-1 REV.	120	5.0	0-2500	1/4" Hex	3/4"	10-1/2	3-3/4	5-1/2

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 5/16" Hex One Piece Socket Extension No. 49-66-3016, 1/4" Locator No. 49-26-0250, 5/16" Locator No. 49-26-0312, 3/8" Locator No. 49-26-0375 and Belt Clip Kit No. 48-67-0102.

CARRYING CASE, HOLSTER, GREASE AVAILABLE—SEE PAGE 97



6783-1

5.0 AMPS
VARIABLE SPEED
0-2500 RPM

- **QUICK RELEASE BIT HOLDING MECHANISM**
- **SIMPLIFIED ADJUSTABLE TORQUE RELEASE CLUTCH**
  Torque output is easily changed externally by turning adjustment collar which positively holds setting. Clutch disengages and driving action stops when pre-set torque is reached.
- **ADJUSTABLE TORQUE**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 5.0 AMP MOTOR**

CAPACITY:
1/4" SELF-DRILLING SCREW IN 1/4" COLD ROLLED STEEL, NO. 12 SELF-DRILLING SCREW IN 1/2" COLD ROLLED STEEL, NO. 12 WOOD SCREW, 1/4" THREAD CUTTING SCREW, 5/16" SHEET METAL SCREW AND 1/4" MACHINE SCREW.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6783-1 REV.	120	5.0	0-2500	1/4" Hex	3/4"	11-1/2	4	5-1/2

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 5/16" Hex Socket Extension No. 49-66-3016 and Belt Clip Kit No. 48-67-0102.

CARRYING CASE, HOLSTER, GREASE AVAILABLE—SEE PAGE 97

Bit Guides for Model 6783-1 Screw-Shooter with Serial No. 471-52400 and below.

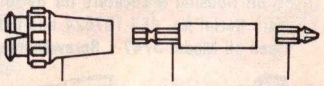
HEX HEAD SCREWS USING ONE PIECE EXTENSION

HEX SIZE	BIT GUIDE	MAGNETIC EXTENSION	NON-MAG. EXTENSION
1/4"	48-32-0250	49-66-3006	
5/16"	48-32-0312	49-66-3016	49-66-3015
3/8"	48-32-0375	49-66-3026	

HEX HEAD SCREWS USING SOCKET & DRIVER

HEX SIZE	BIT GUIDE	SOCKET DRIVER	MAGNETIC SOCKET
1/4"	48-32-0250	1/4" Sq. × 2" Long	49-66-3000
5/16"	48-32-0312	48-32-2050	49-66-3010
3/8"	48-32-0375		49-66-3020

PHILLIPS, POZIDRIV®, FREARSON AND ROBERTSON



TYPE OF SET-UP	BIT GUIDE	BIT HOLDER	INSERT BITS ◆
Magnetic	48-32-0608	48-32-3025	Select any Insert Bit from Page 101.
Non-Magnetic	48-32-0250	48-32-3050	

NOTE: For Slotted Screws and Hex Nuts, use accessories as shown for Model 6583-1.

◆ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 10, 25 and 50. See pages 100, 101.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PAGES 100, 101

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

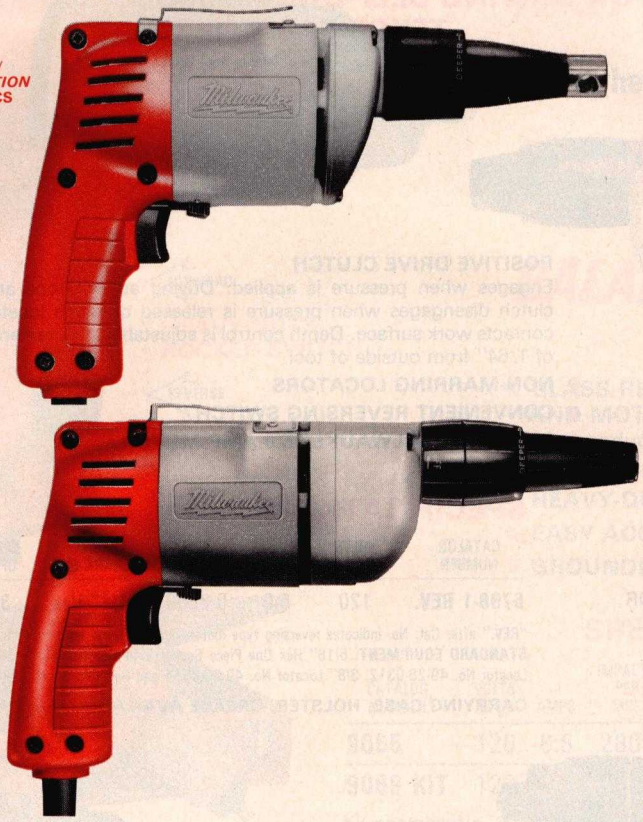
HEAVY-DUTY DRYWALL SCREW-SHOOTERS

HEAVY-DUTY INDUSTRIAL/ CONSTRUCTION ELECTRONICS

6750-1
5.0 AMPS
GROUNDED
VARIABLE SPEED
0-4000 RPM

6753-1
3.5 AMPS
DOUBLE INSULATED
VARIABLE SPEED
0-4000 RPM

6747-1
5.0 AMPS
GROUNDED
VARIABLE SPEED
0-2500 RPM



FEATURES

- Positive Drive Clutch
- Convenient Reversing Switch
- Minimum offset for close quarter work
- Engineered for balanced design...Lightweight and Compact for easy use in tight quarters
- Impact resistant, lightweight, non-conductive glass reinforced nylon motor housing and handle—provides a cool gripping surface under heavy duty use
- Aluminum gear case and diaphragm supplies greater support for shaft and bearings
- Triple sealed against dust contamination in gear case
- 8' rubber jacket cord with separate strain relief for longer cord life
- Reversing Trigger Speed Control Switch
- Self-stopping brush carbons prevent damage to commutator. Easily accessible external brush cap for quick brush inspection
- Simple positive depth adjustment
  Positive lock adjustment provides a wide range of depth settings. Simplified, one hand adjustment. Push Locking Collar forward and rotate it to right or left. Molded nose assembly is permanently lubricated and will not rust or corrode.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6750-1	120	5.0	0-4000	1/4" Hex	3/4"	11-1/4	3-1/2	5
6753-1	120	3.5	0-4000	1/4" Hex	3/4"	11	3-1/8	4-1/2
6747-1	120	5.0	0-2500	1/4" Hex	3/4"	11-1/2	3-5/8	5

NOTE: Models have reversing type motor and are equipped with lockable trigger switch.

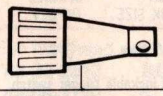
STANDARD EQUIPMENT

FOR NOS. 6750-1 and 6753-1—#2 Phillips Bit, Magnetic Bit Holder No. 48-32-3065, Magnetic Bit Holder Locator No. 49-26-1030 and Belt Clip No. 48-67-0102.

FOR NO. 6747-1—#2 Phillips Bit, Magnetic Bit Holder No. 48-32-3065, Magnetic Bit Holder Locator No. 49-26-1040 and Belt Clip No. 48-67-0102.

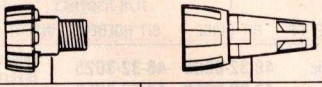
Locator Assembly for 6750-1 with Serial No. 464-110001 and above; and all Model 6753-1 Screwshooters.

RED CATALOG NOS. ARE STANDARD EQUIPMENT

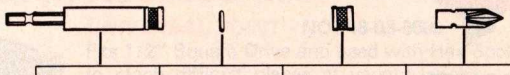


Locator Assembly
49-26-1030
(Molded Nylon with Aluminum Tip)

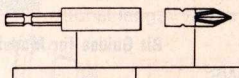
Bit Housing & Locators for 6750-1 with Serial No. 464-107024 and below; and all Model 6747-1 Screwshooters.



Bit Housing **48-32-2500** (Fine Threads)	Locator Assembly **49-26-1040** (Molded Nylon)



Magnetic Bit Holder **48-32-3025**	"O" Ring Only **48-32-3045**	Nose End Only **48-32-3040**	1" Long Phillips Insert Bits ♦ **48-32-1050**



Magnetic Bit Holder **48-32-3065**	1" Long Phillips Insert Bits ♦ **48-32-1050**

1/4" Hex Magnetic Socket
49-66-0800

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 10, 25 and 50. See pages 100, 101.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PAGES 100, 101

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY MAGNUM® DRYWALL SCREW-SHOOTERS

HEAVY-DUTY INDUSTRIAL/ CONSTRUCTION ELECTRONICS

6749-1
5.4 AMPS
VARIABLE SPEED
0-2500 RPM

6754-1
5.4 AMPS
VARIABLE SPEED
0-4000 RPM

- **EXCLUSIVE SNAP-ACTION POSITIVE DRIVE CLUTCH** prevents tip-to-tip engagement of clutch jaws at the beginning and at the end of a screw driving cycle. This reduces clutch wear, and when depth sensing nosepieces are properly used, greatly prolongs clutch life.
- **ALL BALL AND ROLLER BEARINGS**
- **POWERFUL MILWAUKEE MOTOR PROVIDES GREATER TORQUE**
- **COMFORTABLE TWO FINGER TRIGGER**
- **FOUR POSITION HAND GRIP FOR ANY APPLICATION**
- **EXCLUSIVE BRUSH CARTRIDGE SYSTEM—REMOVABLE BRUSH CARTRIDGE** ... change brushes in less than one minute anywhere, with only a screwdriver. *CAUTION—Before servicing, disconnect power cord.* Next, loosen Phillips/slotted brush-holder screw and pull out cartridge. SELF-STOPPING BRUSHES. Instant brush replacement by using spares stored in cartridge system.
- **QUIK-LOK CORDS SETS FOR FAST, SECURE ATTACHMENT. 8' STANDARD EQUIPMENT—25' AVAILABLE**

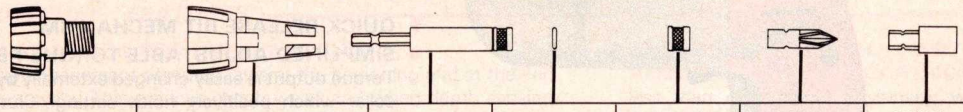
DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	48-76-4008
25' QUIK-LOK	48-76-4025

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6749-1	120	5.4	0-2500	1/4" Hex	7/8"	11-1/2	3-3/4	5-1/2
6754-1	120	5.4	0-4000	1/4" Hex	7/8"	11-1/4	3-1/2	5

NOTE: Models have reversing type motor and are equipped with lockable trigger switch.
STANDARD EQUIPMENT: #2 Phillips Bit, Magnetic Bit Holder and Magnetic Bit Holder Locator. 8' Quik-Lok Cord Set No. 48-76-4008.

BIT HOUSING & LOCATORS FOR 6749-1 & 6754-1 POSITIVE DRIVE



Bit Housing 48-32-2500 * (Fine Threads)	Locator Assembly 49-26-1040 (Molded Nylon)	Magnetic Bit Holder 48-32-3025	"O" Ring Only 48-32-3045	Nose End Only 48-32-3040	1" Long Phillips Insert Bits♦ 48-32-1050	1/4" Hex Magnetic Socket 49-66-0800

*Previous nylon gearcase models require No. 48-32-2505.

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 10, 25 and 50. See pages 100, 101.

SCREW-SHOOTER ACCESSORIES

SCREWDRIVER BIT SET
NO. 48-30-0200
Set includes 4 Phillips, 5 Slotted, 5 Hex, 4 Square Recess, 6 Torx, 2 Posidrive Bits, 1/4" Socket Adapter, Magnetic Bit Holder, 1/4" Hex Bit Driver and durable, molded Plastic Storage Case.

HAND SCREWDRIVER
NO. 48-32-1600

1/4" HEX SHANK DRIVE SCREWDRIVER BIT SET
NO. 48-30-0100
Set includes one each of

48-30-1500	#3 Phillips Bit
48-30-1510	#1 Phillips Bit
48-30-1520	#2 Phillips Bit
48-30-2600	Bit and Finder 6F-8R
48-30-2625	Bit and Finder 8F-10R
48-30-2650	Bit and Finder 10F-12R
48-32-2050	1/4" Sq. Socket Driver

TOOL HOLSTER
NO. 49-17-0200
Fits belts to 3" wide.

STEEL CARRYING CASE
NO. 48-55-0711
Overall size 13-1/2" long, 6" high and 8-3/4" wide.

TYPE "E" GREASE
NO. 49-08-4121
1 LB. CAN

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PAGES 100, 101

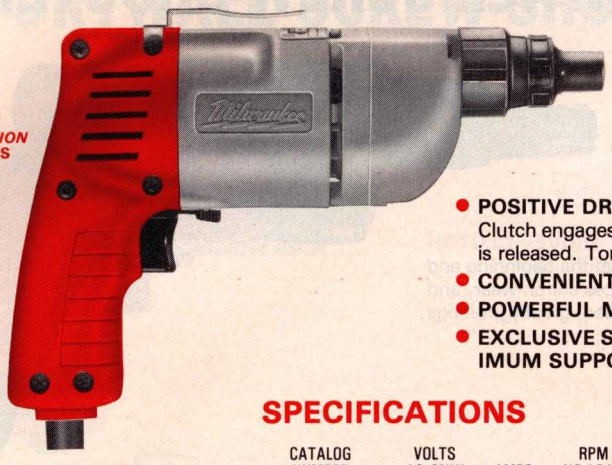
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SCREW-SHOOTER

FOR WOOD SCREWS

ALL BALL AND ROLLER BEARINGS

HEAVY-DUTY INDUSTRIAL/ CONSTRUCTION ELECTRONICS



6543-1

5.0 AMPS
VARIABLE SPEED
0-1000 RPM

- **POSITIVE DRIVE CLUTCH**
  Clutch engages when pressure is applied and stops when pressure is released. Torque is maintained while pressure is applied.
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 5.0 AMP MOTOR**
- **EXCLUSIVE SNAP-IN BIT GUIDE DESIGN PROVIDES MAXIMUM SUPPORT, GREATLY REDUCING BIT WOBBLE**

CAPACITY:
SOFT WOOD WITH PILOT HOLE — TO 5/16" LAG
SOFT WOOD WITHOUT PILOT HOLE — TO #16
HARD WOOD WITH PILOT HOLE — TO #16
HARD WOOD WITHOUT PILOT HOLE — TO #12

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6543-1 REV.	120	5.0	0-1000	1/4" Hex	3/4"	10-1/8	3-3/4	5-1/2

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 6F-8R Bit and Finder No. 48-30-2600, 10F-12R Bit and Finder No. 48-30-2650, 6F-8R Bit Guide No. 48-32-0608, 10F-12R Bit Guide No. 48-32-1012, #2 Phillips Insert Bit No. 48-32-1050, Non. Mag. Bit Holder No. 48-32-3050, 1/4" Bit Guide No. 48-32-0250 and Belt Clip Kit No. 48-67-0102.

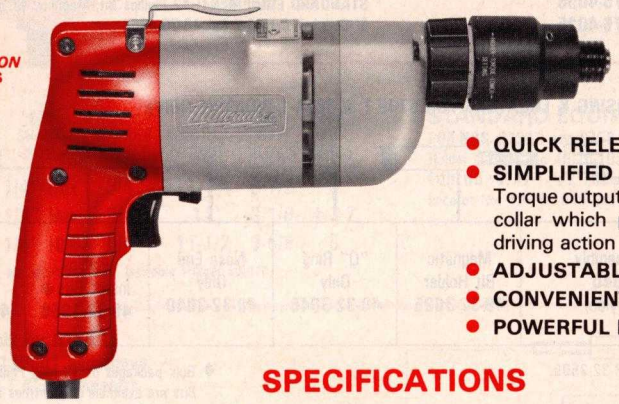
CARRYING CASE, HOLSTER, GREASE AVAILABLE—SEE PAGE 97

HEAVY-DUTY SCREW-SHOOTER—NUT RUNNER

FOR MACHINE AND SHEET METAL SCREWS AND NUTS

ALL BALL AND ROLLER BEARINGS

HEAVY-DUTY INDUSTRIAL/ CONSTRUCTION ELECTRONICS



6583-1

5.0 AMPS
VARIABLE SPEED
0-1000 RPM

- **QUICK RELEASE BIT MECHANISM**
- **SIMPLIFIED ADJUSTABLE TORQUE RELEASE CLUTCH**
  Torque output is easily changed externally by turning adjustment collar which positively holds setting. Clutch disengages and driving action stops when pre-set torque is reached.
- **ADJUSTABLE TORQUE**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 5.0 AMP MOTOR**

CAPACITY:
1/4" MACHINE SCREWS AND NUTS
1/4" THREAD CUTTING SCREW
5/16" SHEET METAL SCREW
SOFT WOOD WITH PILOT HOLE—TO 5/16" LAG
SOFT WOOD WITHOUT PILOT HOLE—TO #16
HARD WOOD WITH PILOT HOLE—TO #16
HARD WOOD WITHOUT PILOT HOLE—TO #12

SPECIFICATIONS

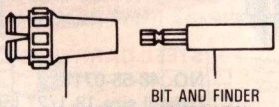
CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6583-1 REV.	120	5.0	0-1000	1/4" Hex	3/4"	11-1/2	4	5-1/2

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 6F-8R Bit Finder No. 48-30-2600, 10F-12R Bit and Finder No. 48-30-2650, #2 Phillips Insert Bit No. 48-32-1050, Non. Mag. Bit Holder No. 48-32-3050 and Belt Clip Kit No. 48-67-0102.

CARRYING CASE, HOLSTER, GREASE AVAILABLE—SEE PAGE 97

Bit Guides for Model 6583-1 Screw-Shooter with Serial No. 470-47800 and below.

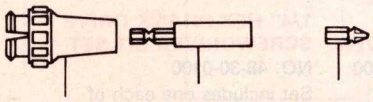
SLOTTED SCREWS



SCREW SIZE	BIT GUIDE	BIT AND FINDER COMBINATION
6F-8R	**48-32-0608**	**48-30-2600**
8F-10R	**48-32-0810**	**48-30-2625**
10F-12R	**48-32-1012**	**48-30-2650**
12F-14R	**48-32-1214**	**48-30-2675**
14F-16R	**48-32-1416**	**48-30-2700**

NOTE: F = Flat Head R = Round Head

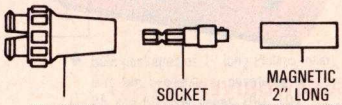
PHILLIPS, POZIDRIV®, FREARSON AND ROBERTSON



TYPE OF SET-UP	BIT GUIDE	BIT HOLDER	INSERT BITS ♦
Magnetic	**48-32-0608**	**48-32-3025**	**Select any Insert Bit from Page 101.**
Non-Magnetic	**48-32-0250**	**48-32-3050**	

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 10, 25 and 50. See pages 100, 101.

HEX NUTS
(SOCKETS HAVE BOLT CLEARANCE)



HEX SIZE	BIT GUIDE	SOCKET DRIVER	MAGNETIC 2" LONG NUT SOCKET
1/4"	**48-32-0608**	1/4" Sq. ×	**49-66-3002**
5/16"	**48-32-0810**	2" Long	**49-66-3012**
3/8"	**48-32-1012**	**48-32-2050**	**49-66-3022**

NOTE: For Hex Head Screws, use accessories as shown for Model 6783-1.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PAGES 100, 101

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY MAGNUM® SPECIAL SCREW-SHOOTERS

FOR DRIVING SELF-DRILLING, SELF-TAPPING TEKS® FASTENERS

HEAVY-DUTY *INDUSTRIAL/ CONSTRUCTION* ELECTRONICS

TEKS registered trademark of Illinois Tool Works, Inc.

6793-1

HIGH TORQUE MAGNUM® SCREW-SHOOTER

REVERSING...TRIGGER SPEED CONTROL 0-2000 RPM HIGH TORQUE, LOWER RPM FOR REDUCED SCREW POINT BURNING.

CAPACITY:
1/4" SCREW IN 1/4" COLD ROLLED STEEL OR NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.

Lower RPM provides 25% more torque available than Model 6794-1 for fastening 1-1/8" plywood and other compressible decking materials to 1/8" steel joists using self-drilling and self-tapping fasteners.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6793-1 REV.	120	5.4	0-2000	1/4" HEX	7/8"	10-1/2	3-3/4	5-1/2

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 5/16" Hex One Piece Socket Extension and 1/4", 5/16", and 3/8" Locators. 8' Quik-Lok Cord Set No. 48-76-4008.

6794-1

REVERSING...TRIGGER SPEED CONTROL 0-2500 RPM FOR EASY, ACCURATE DRIVING

CAPACITY:
1/4" SCREW IN 1/4" COLD ROLLED STEEL OR NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6794-1 REV.	120	5.4	0-2500	1/4" HEX	7/8"	10-1/2	3-3/4	5-1/2

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.
STANDARD EQUIPMENT: 5/16" Hex One Piece Socket Extension and 1/4", 5/16", and 3/8" Locators. 8' Quik-Lok Cord Set No. 48-76-4008.

CARRYING CASE, HOLSTER, QUIK-LOK CORD SET, GREASE AVAILABLE—SEE PAGE 97

EXCLUSIVE MAGNUM® *FEATURES*

- **EXCLUSIVE SNAP-ACTION POSITIVE DRIVE CLUTCH** prevents tip-to-tip engagement of clutch jaws at the beginning and at the end of a screw driving cycle. This reduces clutch wear, and when depth sensing nosepieces are properly used, greatly prolongs clutch life.
- **ALL BALL AND ROLLER BEARINGS**
- **POWERFUL MILWAUKEE MOTOR PROVIDES GREATER TORQUE**
- **QUIK-LOK CORD SETS FOR FAST, SECURE ATTACHMENT. 8' STANDARD EQUIPMENT—25' AVAILABLE.**

3 WIRE CORD SET FOR TOOL NO. 6793-1 AND NO. 6794-1

DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	48-76-4008
25' QUIK-LOK	48-76-4025

- **EXCLUSIVE BRUSH CARTRIDGE SYSTEM—REMOVABLE BRUSH CARTRIDGE...**change brushes in less than one minute anywhere, with only a screwdriver. *CAUTION—Before servicing, disconnect power cord.* Next, loosen Phillips/slotted brush-holder screw and pull out cartridge. SELF-STOPPING BRUSHES. Instant brush replacement by using spares stored in cartridge system.

RED CATALOG NOS. ARE STANDARD EQUIP.

BIT HOUSING & LOCATORS FOR 6793-1 AND 6794-1 POSITIVE DRIVE SCREW-SHOOTERS

		HEX HEAD SCREWS—USING SOCKET & DRIVER			HEX HEAD SCREWS—USING ONE PIECE EXTENSIONS			PHILLPS, POSIDRIV® AND ROBERTSON SCREWS			
HEX SIZE	BIT HOUSING	LOCATOR ASSEMBLY	SOCKET DRIVER	MAGNETIC SOCKET	HEX SIZE	LOCATOR ASSEMBLY	SOCKET EXT-MAGNETIC	TYPE OF SET-UP	LOCATOR ASSEMBLY	BIT HOLDER	INSERT BIT♦
1/4" 5/16" 3/8" 7/16"	48-32-2500* (Fine Thread)	49-26-0250 49-26-0312 49-26-0375 49-26-0600	1/4" Sq. × 2" Long 48-32-2050	49-66-3000 49-66-3010 49-66-3020 49-66-3030	1/4" 5/16" 3/8"	49-26-0250 49-26-0312 49-26-0375	49-66-3006 49-66-3016 49-66-3026	Magnetic	49-26-1040	48-32-3025	Select Bits with Key Letters T, U, or W from Page 101.
								Non-Magnetic	49-26-0250	48-32-3050	

* Previous nylon gearcase models require No. 48-32-2505.

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 10, 25 and 50. See pages 100, 101.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PAGES 100, 101

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY SCREW-SHOOTER ACCESSORIES

PHILLIPS INSERT BITS:

10 BITS PER PACKAGE, REUSABLE VINYL POUCH

NO. 48-32-1033 PACKAGE OF 10 #1 PHILLIPS INSERT BITS

NO. 48-32-1043 PACKAGE OF 10 #2 PHILLIPS INSERT BITS with reduced diameter...ideal for Drywall applications

NO. 48-32-1053 PACKAGE OF 10 #2 PHILLIPS INSERT BITS

NO. 48-32-1073 PACKAGE OF 10 #3 PHILLIPS INSERT BITS

DRIVER/DRILL BIT SET
NO. 48-30-0101

For use with Cordless and Electric Power Drills. The 8 piece set includes 1/4" Socket Driver, 6F-7R Slotted Bit, #1 and #2 Phillips Bit, 1/4" and 3/16" Twist Bits and two 1/8" Twist Bits.

1/4" HEX SHANK DRIVE SCREWDRIVER BIT SET
NO. 48-30-0100

Set includes one each of

NO. 48-30-1500	#3 Phillips Bit	NO. 48-30-2600	Bit and Finder 6F-8R
NO. 48-30-1510	#1 Phillips Bit	NO. 48-30-2625	Bit and Finder 8F-10R
NO. 48-30-1520	#2 Phillips Bit	NO. 48-30-2650	Bit and Finder 10F-12R
		NO. 48-32-2050	1/4" Sq. Socket Driver

HAND SCREWDRIVER
NO. 48-32-1600

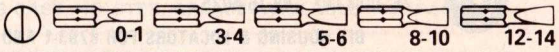
HEAVY-DUTY
MILWAUKEE QUALITY

Magnet holds Bits for starting. For use with Insert Bits, Sockets, Socket Drivers and Extensions. Select Bits from chart on page 101.

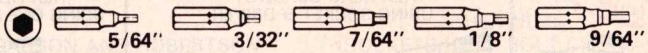
SCREWDRIVER BIT SET NO. 48-30-0200

A "must have" Screwdriver Set. Set includes 1/4" Hex Bit Hand Screwdriver, Molded Plastic Storage Case and all Bits as outlined below. Replacement Bits may be selected from chart on page 101.

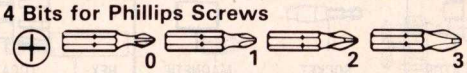
5 Bits for Slotted Screws



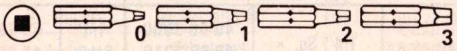
5 Bits for Hex Screws



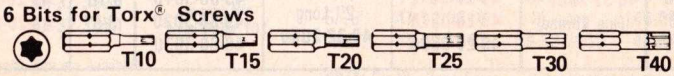
4 Bits for Phillips Screws



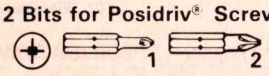
4 Bits for Square Recess Screws



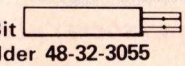
6 Bits for Torx® Screws



2 Bits for Posidriv® Screws



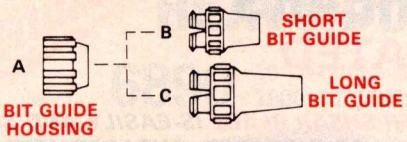
Bit Holder 48-32-3055



1/4" Socket Adapter 48-32-2060

HEAVY-DUTY SCREW-SHOOTER ACCESSORIES

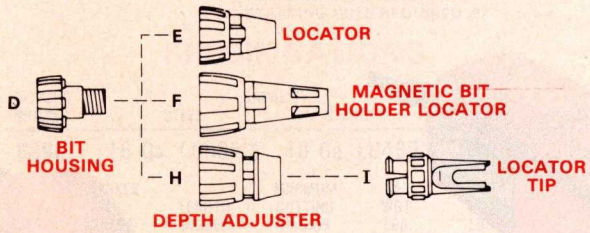
SCREW-SHOOTER NOSE PIECE ASSEMBLIES



	KEY	DESCRIPTION	CATALOG NO.	USE WITH MODEL NUMBER
Wood and Sheet Metal Screws Best results when driven at 2500 RPM or less	A	Bit Guide Housing	**48-32-1000**	6543-1, 6583-1†, 6744-1, 6747-1, 6749-1, 6750-1 *, 6751-1, 6754-1, 6793-1, 6794-1, 6798-1
	B1 B2	1/4" Hex Bit Guide 5/16" Hex Bit Guide	**48-32-0250** **48-32-0312**	6543-1, 6583-1†, 6744-1, 6747-1, 6749-1, 6750-1 *, 6751-1, 6754-1, 6783-1‡, 6793-1, 6794-1, 6798-1
	B3	3/8" Hex Bit Guide	**48-32-0375**	6543-1, 6583-1†, 6744-1, 6747-1, 6749-1, 6783-1‡, 6793-1, 6794-1, 6798-1
	C1	6F-8R Bit Guide	**48-32-0608**	6543-1, 6583-1†, 6744-1, 6747-1, 6749-1, 6750-1 *, 6751-1, 6754-1, 6783-1‡, 6793-1, 6794-1, 6798-1
	C2 C3 C4 C5	8F-10R Bit Guide 10F-12R Bit Guide 12F-14R Bit Guide 14F-16R Bit Guide	**48-32-0810** **48-32-1012** **48-32-1214** **48-32-1416**	6543-1, 6583-1†, 6744-1, 6747-1, 6749-1, 6783-1‡, 6793-1, 6794-1, 6798-1

* Serial No. 464-107,024 and below.
‡ Serial No. below 471-51500.
† Serial No. below 470-46500.

SCREW-SHOOTER NOSE PIECE ASSEMBLIES

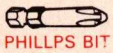


	KEY	DESCRIPTION	CATALOG NO.	USE WITH MODEL NUMBER
Drywall and Self-Drilling Screws	D1	Bit Housing (Fine Thread)	**48-32-2500**	6543-1, 6744-1, 6747-1, 6749-1, 6750-1 *, 6751-1, 6754-1, 6793-1, 6794-1, 6798-1
	D2	Bit Housing (Coarse Thread)	**48-32-2505**	6744-1, 6754-1, 6794-1●
	E1 E2	1/4" Hex Locator 5/16" Hex Locator	**49-26-0250** **49-26-0312**	6543-1, 6744-1, 6747-1, 6749-1, 6750-1 *, 6751-1, 6754-1, 6793-1, 6794-1, 6798-1
	E3 E4	3/8" Hex Locator 7/16" Hex Locator	**49-26-0375** **49-26-0600**	6543-1, 6744-1, 6147-1, 6749-1, 6793-1, 6794-1, 6798-1
	F1	Molded Drywall Locator	**49-26-1040**	6543-1, 6744-1, 6747-1, 6749-1, 6750-1 *, 6751-1, 6754-1, 6793-1, 6794-1, 6798-1
Self-Drilling Screws	H	Depth Adjuster	**49-26-2500**	6543-1, 6744-1, 6747-1, 6749-1, 6793-1, 6794-1, 6798-1
	I 1 I 2	5/16" Hex Locator Tip 3/8" Hex Locator Tip	**49-78-0312** **49-78-0375**	6543-1, 6744-1, 6747-1, 6749-1, 6793-1, 6794-1, 6798-1
	G	MAGNETIC BIT HOLDER LOCATOR		**6750-1** and **6753-1** Only
Drywall Only	G	Molded Drywall Locator	**49-26-1030**	6750-1‡, 6753-1

* Serial No. 464-107,024 and below.
● Previous nylon gearcase models require coarse threads.
‡ Serial No. 464-110,001 and above.

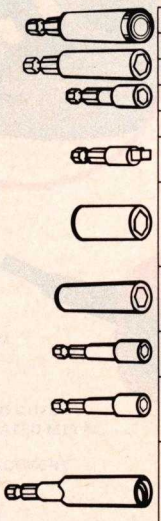
ACCESSORIES FOR PREVIOUS MILWAUKEE 1/4" HEX SHANK DRIVERS

BIT


PHILLPS BIT

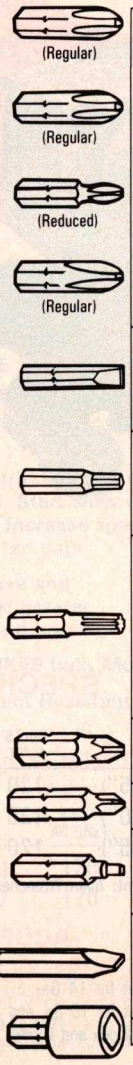
DESCRIPTION	SCREW SIZE	BIT CATALOG NO.
1-15/16" Long Bits for Slotted Head Screws	6F-7R	**48-30-0500**
	8F-10R	**48-30-0505**
	10F-12R	**48-30-0510**
	12F-14R	**48-30-0515**
2" Long Phillips Bits	#1	**48-30-1510**
	#2	**48-30-1520**
	#3	**48-30-1500**

BIT HOLDERS • SOCKETS • EXTENSIONS • BITS and FINDERS



KEY	DESCRIPTION	SIZE	CATALOG NO.	FOR USE WITH
J	Magnetic Bit Holder		**48-32-3025**	G, F1, or C1
K	Magnetic Bit Holder		**48-32-3065**	G, F1, or C1
L	Non-Mag. Bit Holder		**48-32-3050**	E1 or B1
M1	1/4" Sq. × 2" Socket Driver		**48-32-2050**	N or O
M2	1/4" Sq. × 4" Socket Driver		**48-32-2055**	H & I 1 & N2 H & I 2 & N3
N1 N2 N3 N4	Hex Sockets Only Magnetic	1/4" 5/16" 3/8" 7/16"	**49-66-3000** **49-66-3010** **49-66-3020** **49-66-3030**	M1 & E1 or B1 M1 & E2 or B2 M1 & E3 or B3 M1 & E4
O1 O2 O3	2" Lg. Hex Nut Magnetic Sockets With Bolt Clearance	1/4" 5/16" 3/8"	**49-66-3002** **49-66-3012** **49-66-3022**	M1 & C1 M1 & C2 M1 & C3
P	1 Pc. Hex Socket Extension Non-Magnetic	5/16"	**49-66-3015**	E2 or B2
Q1 Q2 Q3	1 Pc. Hex Socket Extension Magnetic	1/4" 5/16" 3/8"	**49-66-3006** **49-66-3016** **49-66-3026**	E1 or B1 E2 or B2 E3 or B3
R1 R2 R3 R4 R5	Bit and Finder Combinations (Slotted Screws) 3-1/2" long	6F-8R 8F-10R 10F-12R 12F-14R 14F-16R	**48-30-2600** **48-30-2625** **48-30-2650** **48-30-2675** **48-30-2700**	C1 C2 C3 C4 C5

INSERT BITS



T0 T1 T1 T1 T1	Phillips 1" long	#0 #1 #1 (QTY. OF 10) #1 (QTY. OF 25) #1 (QTY. OF 50)	**48-32-1020** **48-32-1030** **48-32-1033** **48-32-1031** **48-32-1032**	
T2 T2 T2 T2		#2 #2 (QTY. OF 10) #2 (QTY. OF 25) #2 (QTY. OF 50)	**48-32-1040** **48-32-1043** **48-32-1041** **48-32-1042**	Reduced Diameter Insert Bits Ideal for Drywall
T2 T2 T2 T2		#2 #2 (QTY. OF 10) #2 (QTY. OF 25) #2 (QTY. OF 50)	**48-32-1050** **48-32-1053** **48-32-1051** **48-32-1052**	Phillips Bits in Quantities of 10 Come Packaged in a Reuseable Vinyl Pouch. See page 100.
T3 T3		#3 #3 (QTY. OF 10)	**48-32-1070** **48-32-1073**	
T4 T4 T4 T4 T4	Slot Screw Insert Bit 1" long	0F-1R 3F-4R 5F-6R 8F-10R 12F-14R	**48-32-1300** **48-32-1320** **48-32-1340** **48-32-1360** **48-32-1380**	
T5 T5 T5 T5 T5	Allen Head 1" long	5/64" 3/32" 7/64" 1/8" 9/64"	**48-32-1400** **48-32-1420** **48-32-1440** **48-32-1460** **48-32-1480**	
T6 T8 T9 T10 T15 T20 T25 T30 T40	Torx® 1 long Torx® registered tradename of CAMCAR.	T6 T8 T9 T10 T15 T20 T25 T30 T40	**48-32-1506** **48-32-1508** **48-32-1509** **48-32-1510** **48-32-1515** **48-32-1520** **48-32-1525** **48-32-1530** **48-32-1540**	J, K & L
U1 U2 U3	Pozidriv® 1" long	#1 #2 #3	**48-32-1120** **48-32-1125** **48-32-1130**	
V1 V2	Frearson (Reed & Prince) 1-1/8" long	#1 #2	**48-32-1110** **48-32-1115**	
W1 W1 W2 W3	Square Drive (Robertson) 1" long	#0 #1 #2 #3	**48-32-1201** **48-32-1205** **48-32-1210** **48-32-1215**	
X1 X2 X3 X4 X5	Slotted Screw Insert Bits 1-1/2" long	6F-8R 8F-10R 10F-12R 12F-14R 14F-16R	**48-32-0050** **48-32-0060** **48-32-0070** **48-32-0080** **48-32-0090**	It is Recommended Slotted Screws Be Driven With R1 thru R5
Y1	Magnetic Insert Socket	1/4"	**49-66-0800**	

HEAVY-DUTY SHEARS
DOUBLE INSULATED

CLEAR UNOBSTRUCTED VISIBILITY

***EXCLUSIVE—LOWER SHEAR BLADE** IS EASILY AND SECURELY ADJUSTABLE. SHEARED METAL RIDES SMOOTHLY OVER AND UNDER UNIQUE STEEL YOKE PROVIDING HIGH CUTTING EFFICIENCY AND SMOOTH EDGE.*

- HIGH SPEED ACCURATE CUTTING MECHANISM
- SIMPLE BLADE ADJUSTMENT—NO SHIMS
- BLADE DESIGN ELIMINATES JAMMING
- LEAVES EDGES SMOOTH—BURR FREE
- NO ADJUSTMENTS FOR STRAIGHT CUTS—CURVES
- CUTS CLOSE CURVES EITHER RIGHT OR LEFT
- NEW BRUSH DESIGN FOR EASY BRUSH REPLACEMENT
- ALUMINUM GEAR HOUSING
- ALL BALL AND NEEDLE BEARINGS

6855
AC-DC PADDLE SWITCH
Conveniently Mounted for One Hand Operation

18 GAUGE
6855 3.0 AMPS
3600 STROKES PER MIN.

6805 & 6815
AC-DC TOGGLE SWITCH

16 GAUGE
6805 4.0 AMPS
4000 STROKES PER MIN.

14 GAUGE
6815 5.0 AMPS
4000 STROKES PER MIN.

SPECIFICATIONS

CATALOG NUMBER	CAPACITY STEEL	CAPACITY STAINLESS	VOLTS AC-DC	AMPS	STROKES PER MINUTE	MINIMUM RADIUS LEFT	MINIMUM RADIUS RIGHT	LENGTH INCHES	NET WGT. LBS.	SHP. WGT. LBS.
6855	18 Ga. (.0478")	20 Ga. (.0355")	120	3.0	3600	1/2"	1"	9-5/8	4	5
6805	16 Ga. (.0598")	18 Ga. (.0480")	120	4.0	4000	1/2"	1"	10-1/4	5	6
6815	14 Ga. (.0747")	16 Ga. (.0595")	120	5.0	4000	3/4"	1"	10-1/4	5	6

Standard Equipment: Allen Wrenches, Feeler Gauge, Upper Blade and Lower Blade.

ACCESSORIES

SHEAR BLADE SETS

NO. 48-44-0112 Shear Blade Set for 14 Ga.
NO. 48-44-0122 Shear Blade Set for 16 Ga. and 18 Ga.
Sets include both upper and lower blades and screws.

NO. 49-96-0040 5/64" Allen Wrench
NO. 49-96-0065 9/64" Allen Wrench
NO. 49-11-0080 Feeler Gauge
NO. 49-08-4140 Type "G" Grease, 1 lb. can.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY DOUBLE INSULATED NIBBLERS

6890 16 GAUGE 3.8 AMPS 1900 STROKES PER MIN.

AC-DC PADDLE SWITCH

- CONVENIENTLY MOUNTED FOR ONE HAND OPERATION

CUTS SQUARE OR ROUND AND DEEP CORRUGATION

INDEXING DIE HOLDER ALLOWS FOR EIGHT CUTTING POSITIONS

- INDEXABLE HEAD FOR REACHING "HARD TO GET" AREAS. ABILITY TO CUT FLAT, IRREGULAR AND CORRUGATED MATERIAL WITHOUT CHANGING DIE HOLDER.
- HIGH SPEED ACCURATE CUTTING MECHANISM
- SIMPLE PUNCH AND DIE REPLACEMENT
- JAM FREE OPERATION
- DISTORTION FREE CUTTING
- NO ADJUSTMENTS FOR STRAIGHT OR CURVED CUTS
- CUTS SQUARE OR ROUND AND DEEP CORRUGATED METAL
- CLEAR UNOBSTRUCTED VISIBILITY
- NEW BRUSH DESIGN FOR EASY BRUSH REPLACEMENT
- ALUMINUM GEAR HOUSING
- STARTING HOLE REQUIRED .87"

SPECIFICATIONS

CATALOG NUMBER	CAPACITY STEEL	CAPACITY STAINLESS	AC-DC VOLTS	AMPS
6890	16 Ga. (.0598")	18 Ga. (.0480")	120	3.8

STROKES PER MINUTE	LENGTH INCHES	MINIMUM CUTTING RADIUS	NET WGT. LBS.	SHP. WGT. LBS.
1900	11-1/4	1-3/4"	4-3/4	5-3/4

Standard Equipment: Includes Punch, Die, Allen Wrench and Plate Wrench.

ACCESSORIES

NO. 48-44-0260	Replacement Punch	NO. 49-96-4725	Replacement Plate Wrench
NO. 48-44-0270	Replacement Die	NO. 49-96-0330	Replacement 2.5mm Allen Wrench
		NO. 49-08-4140	Type "G" Grease, 1 lb. can

6880 10 GAUGE 4 AMPS 1000 STROKES PER MIN.

AC-DC TOGGLE SWITCH

- ALLOWS FOR TWO HANDED OPERATION OF TOOL

LIGHTWEIGHT... ONLY 7-3/4 LBS.

POWERFUL 10 GAUGE CAPACITY

CUTTING GUIDE ON FRONT FOR PATTERN WORK

REMOVABLE SIDE HANDLE... USE ON EITHER SIDE FOR EXTRA CONTROL

- HIGH SPEED ACCURATE CUTTING MECHANISM
- SIMPLE PUNCH AND DIE REPLACEMENT
- JAM FREE OPERATION
- DISTORTION FREE CUTTING
- CLEAR UNOBSTRUCTED VISIBILITY
- NEW BRUSH DESIGN FOR EASY BRUSH REPLACEMENT
- ALUMINUM GEAR HOUSING
- STARTING HOLE REQUIRED 1.65"

SPECIFICATIONS

CATALOG NUMBER	CAPACITY STEEL	CAPACITY STAINLESS	AC-DC VOLTS	AMPS
6880	10 Ga. (.1345")	12 Ga. (.1050")	120	4

STROKES PER MINUTE	LENGTH INCHES	MINIMUM CUTTING RADIUS	NET WGT. LBS.	SHP. WGT. LBS.
1000	12-1/4	2-1/2"	7-3/4	8-3/4

Standard Equipment: Includes Punch, Die, Allen Wrench and Side Handle.

ACCESSORIES

NO. 48-44-0265	Replacement Punch	NO. 49-96-0350	4mm Allen Wrench
NO. 48-44-0275	Replacement Die	NO. 49-08-4140	Type "G" Grease, 1 lb. can

HEAVY-DUTY SWIVEL HEAD SHEAR

BALL AND ROLLER BEARINGS

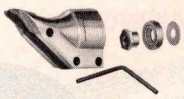
- CUTS ROUND HOLES...SQUARE HOLES...IRREGULAR HOLES
- 360° SWIVEL HEAD
- CUTS UP TO 15' PER MIN.
- CONTINUOUS METAL CURL
- HEAD ASSEMBLY DESIGNED FOR EASY SERVICING

18 GAUGE

6850

- Trigger Speed Control lets you change your cutting speed. Start slow when location is critical. Increase speed for long unobstructed cuts
- Aluminum Gear Case and Diaphragm supplies greater support for shaft and bearings
- Powerful MILWAUKEE built Motor
- High Strength Impact Resistant Handle

REPLACEMENT SWIVEL SHEAR HEAD ASSEMBLY
NO. 48-08-0500

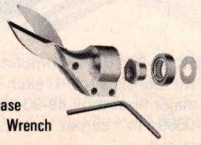


6851 POWER UNIT

SPECIFICATIONS

CATALOG NUMBER	CAPACITY STEEL	CAPACITY STAINLESS	VOLTS AC ONLY	AMPS	SPINDLE SPEED RPM	CUTTING SPEED FT./MIN.	MINIMUM RADIUS	NET WGT. LBS.	SHP. WGT. LBS.
6850	18 Ga. (.0478")	20 Ga. (.0355")	120	3.5	0-2500	15	7"	4	6
6851	Power Unit Only. For use with 48-08-0500		120	3.5	0-2500	3/8" × 24 Spindle			

REPLACEMENT ACCESSORIES FOR DISCONTINUED SCISSORS HEAD SHEAR 6860



48-44-0180	Moveable Scissor Blade	49-08-4121	1 lb. Can "E" Grease
48-44-0190	Stationary Scissor Blade	49-96-0070	5/32" Hex Socket Wrench

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY VACUUM CLEANERS

OUTSTANDING FEATURES

- **POSITIVE WATER SHUT-OFF—On wet/dry machines protects motor from direct exposure to water.**
- **HEAVY-DUTY FILTER SYSTEM—For the roughest coarse materials to the finest dust.**
- **USE AS BLOWER—Switch hose from intake to exhaust, for cleaning inaccessible areas.**

VACUUM MOTOR DESIGN

Centrifugal blower produces high efficient vacuum and air flow. Models 8911, 8912, 8917, 8925, 8935, 8937, 8940 and 8945 have a two-stage bypass motor for wet/dry operation. They provide discharge of vacuum air from the fan case with a separate system for motor cooling. Clean air is drawn into top of motor and discharged through motor housing vents protecting motor from direct exposure to moisture.

NO. 8925
Stainless 16" Dia.
BOTTOM DRAIN VALVE FOR EASY WATER REMOVAL

NO. 8917
Stainless 16" Dia.
BOTTOM DRAIN VALVE FOR EASY WATER REMOVAL

NO. 8912
Steel 16" Dia.

NO. 8911
Steel 16" Dia.

NO. 8965
Steel 14" Dia.

GENERAL SPECIFICATIONS

All models are equipped with 1-1/2" O.D. hose connections, cord with 3-prong grounded plug, 3 vinyl covered hold-down clamps and 4-wheel caddie with non-marring wheels.

CAT. NO.	FOR MATERIALS	RECOV. CAP GAL.	RECOV. CAP BU.	TANK	VOLTS	AMPS	MOTOR TYPE	MAX. AIR FLOW CU. FT./MIN.	SEALED SUCTION IN WATER	OVERALL DIMENSIONS WIDTH	OVERALL DIMENSIONS HEIGHT	NET WGT. (LBS.)	SHP. WGT. (LBS.)
8925	WET or DRY	15	2	STAINLESS	120	10	2-Stage Bypass	110	105"	19"	36"	53	73
8917	WET or DRY	9	1-1/2	STAINLESS	120	10	2-Stage Bypass	110	105"	19"	32"	52	70
8912	WET or DRY	9	1-1/2	STEEL	120	10	2-Stage Bypass	110	105"	19"	32"	49	68
8911	WET or DRY	9	1-1/2	STEEL	120	8	2-Stage Bypass	87	83"	19"	32"	48	67
8965	WET or DRY	10	1-1/8	STEEL	120	6.2	1-Stage Bypass	97	49"	19-1/2"	35-5/8"	34	49

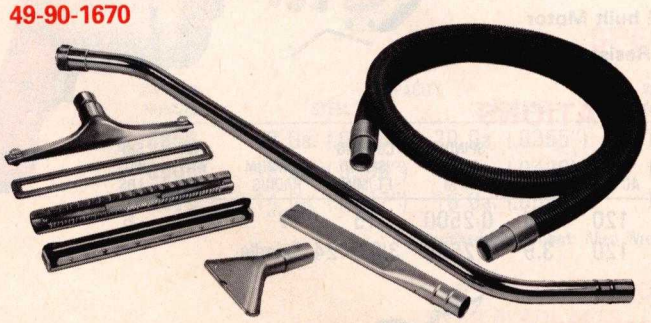
STANDARD EQUIPMENT

FOR MODEL 8925
FOR MODEL 8917
FOR MODEL 8912
FOR MODEL 8911
} Three paper filter bags, cloth filter, gasket and wire frame assembly, wet pick-up conversion pan, swivel connector and canvas store-all tool bag.

FOR MODEL 8965—7 ft. 1-1/2" I.D. vinyl hose, hose adaptor, cloth filter assembly, foam filter sleeve, 3 wheel dolly and three paper filter bags No. 49-90-0301.

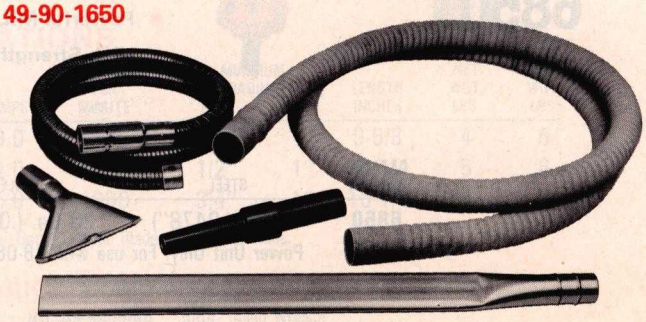
VACUUM CLEANER ACCESSORIES

WET AND DRY CLEANING KIT
49-90-1670



WET AND DRY CLEANING KIT NO. 49-90-1670 A complete kit of accessories for the maintenance department. Kit consists of 1 each of the following: 49-90-0060, 10 ft. hose; 49-90-0550, major floor tool; 49-90-0580 squeegee shoe; 49-90-0400, 15" crevice tool; 49-90-0600, 14" carpet insert; 49-90-0740, utility nozzle; 49-90-1000, double bend floor rod.

FURNACE CLEANING KIT
49-90-1650



FURNACE CLEANING KIT NO. 49-90-1650 All accessories needed for cleaning furnaces. Kit includes 1 each of the following: 49-90-0020, 10 ft. hose; 49-90-0080, 6 ft. metal hose; 49-90-0410, 27" crevice tool; 49-90-0460, rubber blower nozzle; 49-90-0740, utility nozzle.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY VACUUM CLEANERS

VACUUM MOTOR DESIGN

Model 8931 has a straight-thru motor for dry pick-up. Filters remove dirt from air before reaching the motor. The 8950, 8955 and 8965 have a one-stage bypass motor for wet/dry operation.

SEE PAGES 106, 107, 108 FOR COMPLETE VACUUM ACCESSORIES, ALSO MOTOR HEADS AND DRUM ADAPTER ASSEMBLY

NO. 8937
Stainless 14" Dia.
BOTTOM DRAIN VALVE FOR EASY WATER REMOVAL

NO. 8935
Steel 14" Dia.

NO. 8931
Steel 14" Dia.

NO. 8955
Steel 14" Dia.

NO. 8950
Steel 14" Dia.

VACUUM CLEANER DOLLY
NO. 49-90-1150
For use with Model 8950 ONLY. (ORDER SEPARATELY)

GENERAL SPECIFICATIONS

All models are equipped with 1-1/2" O.D. hose connections, cord with 3-prong grounded plug, 3 hold-down clamps and (Except for model 8950) caddie with non-marring wheels.

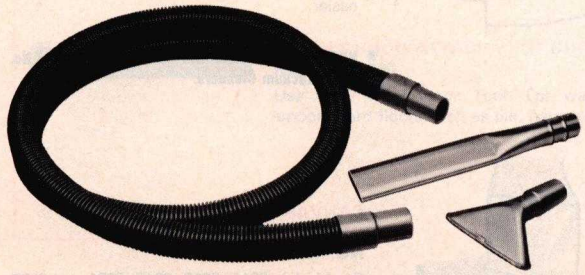
CAT. NO.	FOR MATERIALS	RECOV. CAP GAL.	RECOV. CAP BU.	TANK	VOLTS	AMPS	MOTOR TYPE	MAX. AIR FLOW CU. FT./MIN.	SEALED SUCTION IN WATER	OVERALL DIMENSIONS WIDTH	OVERALL DIMENSIONS HEIGHT	NET WGT. (LBS.)	SHP. WGT. (LBS.)
8937	WET or DRY	4-1/2	3/4	STAINLESS	120	8	2-Stage Bypass	87	83"	17"	28"	36	46
8935	WET or DRY	4-1/2	3/4	STEEL	120	8	2-Stage Bypass	87	83"	17"	28"	35	45
8931	DRY ONLY	—	1/2	STEEL	120	7	Straight-Thru	95	—	17"	25"	29	36
8955	WET or DRY	10	1-1/8	STEEL	120 AC, 60 Hz	6.2	1-Stage Bypass	97	49"	19-1/2"	38-1/2"	32	44
8950	WET or DRY	8	7/8	STEEL	120 AC, 60 Hz	6.2	1-Stage Bypass	97	49"	16-3/4"	22-1/2"	18	25

STANDARD EQUIPMENT

FOR MODEL 8937—Three paper filter bags, wet pick-up conversion pan, cloth filter, gasket, wire frame assembly, swivel connector and wire hose carrier.
FOR MODEL 8935—Three paper filter bags, wet pick-up pan, cloth filter, gasket, wire frame assembly, swivel connector and wire hose carrier.
FOR MODEL 8931—Three paper filter bags, cloth filter, gasket, wire frame assembly, swivel connector and hose carrier.
FOR MODEL 8955—7 ft. 1-1/2" I.D. vinyl hose, hose adaptor, filter cartridge and 3 wheel dolly.
FOR MODEL 8950—7 ft. 1-1/2" I.D. vinyl hose, hose adaptor and filter cartridge.

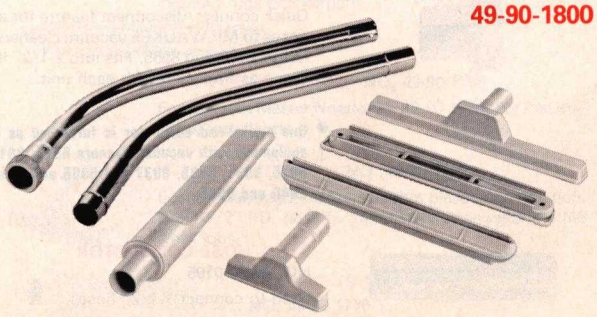
FOR CURRENT MODELS, ALSO FOR PREVIOUS MODELS 8910, 8915, 8916, 8921, 8930

AUTOMOTIVE KIT
49-90-1660



AUTOMOTIVE KIT NO. 49-90-1660 A kit especially designed for garages doing automotive work. Kit consists of 1 each of the following: 49-90-0060, 10 ft. hose; 49-90-0400, 15" crevice tool; 49-90-0740, utility nozzle.

VACUUM ACCESSORY KIT
49-90-1800



VACUUM ACCESSORY KIT NO. 49-90-1800 Accessories for general cleanup applications. Kit consists of 1 each of the following: 49-90-1765, wand; 49-90-1770, crevice tool; 49-90-1775, 6" nozzle; 49-90-1785, 14" squeegee shoe; 49-90-1790, 14" rug shoe; 49-90-1780, master nozzle.

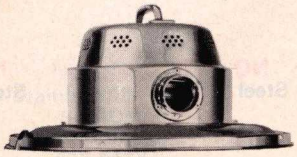
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY VACUUM CLEANER ACCESSORIES

MOTOR HEADS AND DRUM ADAPTER ASSEMBLY

1 MOTOR HEAD ONLY NO. 8940

The same powerful Motor Head as furnished with Model 8911 with 30' of cord. Requires use of 16" dia. Conversion Pan for wet pickup. Wire Frame Filter Cage, Cloth Filter and Gasket assembly and 16" Dacron Filter Bag required for dry pickup. Order these and all other accessories separately. Unit includes a swivel end connector, No. 49-90-0150. Net weight 14 lbs., Shipping weight 15 lbs.



MOTOR HEAD ONLY NO. 8945

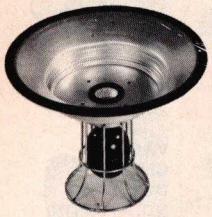
More powerful motor head adapts to all 16" diameter, 9 gallon units and larger for extra-duty applications. Same as furnished with models 8912, 8917 and 8925. Maximum air flow is 110 Cu. Ft./Min. with sealed suction water lift of 105". Unit comes with a 30' cord and requires the use of 16" diameter conversion pan for wet pickup. Wire frame filter cage, cloth filter, and gasket assembly and 16" dacron filter bag required for dry pickup. Order these and all accessories separately. Unit includes a swivel end connector, No. 49-90-0150. Net weight 15 lbs., Shipping weight 17 lbs.

2 DRUM ADAPTER NO. 49-90-1590

Fits your 55 gal. drum. Gasket secures tightly to drum when vacuum is in operation. Adaptable to Motor Head 8940 and 8945 and those on Nos. 8911, 8912, 8917, 8925, previous models 8916, 8921 and 8925. Use 16" dia. accessories. Net weight 10 lbs., Shipping weight 11 lbs.

3 DOLLY NO. 49-90-1100

For 55 gal. drum. Sturdy steel construction with 4 wheels and long hinged handle. Drum easily tips off or on. Net weight 43 lbs., Shipping weight 45 lbs.

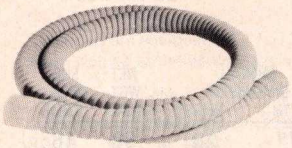


16" DIA. CONVERSION PAN
REQUIRED FOR WET PICK-UP
NO. 49-90-1610

16" DIA. WIRE FRAME FILTER CAGE, CLOTH FILTER AND GASKET ASSEMBLY
REQUIRED FOR DRY PICK-UP
NO. 49-90-0270
WIRE FRAME FILTER CAGE 16 DIA.
NO. 49-90-0260
CLOTH FILTER AND GASKET 16 DIA.

DACRON FILTER
REQUIRED FOR DRY PICK-UP
NO. 49-90-0320
Fits over 16" Dia. Cloth Filter Assembly

VACUUM HOSES — CONNECTORS — ACCESSORIES



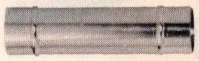
CANVAS HOSE 10'
NO. 49-90-0020
Canvas covered, wire reinforced, rubber lined vacuum hose, 1-1/2" ID. Two straight molded cuff ends. Order swivel-end connector separately.*

BLACK CANVAS HOSE 10'
NO. 49-90-0030
Canvas covered, wire reinforced, rubber lined vacuum hose. Strong resilient, 1-1/2" ID with two straight molded cuff ends. Order swivel-end connector separately.*

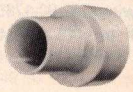
BLACK NEOPRENE HOSE
NO. 49-90-0040 15'
NO. 49-90-0050 25'
Neoprene lined, oil resistant, wire reinforced, 1-1/2" ID with two straight molded cuff ends. Order swivel-end connector separately.*

SWIVEL-END CONNECTOR*
NO. 49-90-0150
Quick connect/disconnect feature for attaching hoses to MILWAUKEE vacuum cleaners, except Model 8950 and 8955. Fits into 1-1/2" ID hoses. Same as furnished with each unit.

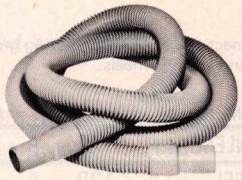
*** One swivel-end connector is furnished as standard equipment with vacuum cleaners 8911, 8912, 8917, 8925, 8931, 8935, 8937 and 8965 and motor heads 8940 and 8945.**



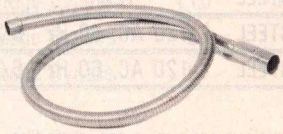
STEEL HOSE CONNECTOR
NO. 49-90-0195
Used to connect 1-1/2" hoses.



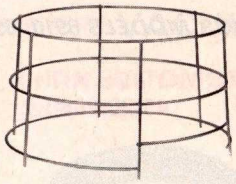
HOSE ADAPTER
NO. 49-90-0155
Adapts 1-1/2" ID hose to Model 8950 and 8955. Same as furnished with each unit.



WIRELESS VINYL HOSE
NO. 49-90-0090 7'
NO. 49-90-0060 10'
NO. 49-90-0070 25'
Crushproof multi-flex hose with no wire reinforcement. 1-1/2" ID with two molded cuff ends. Order swivel-end connector or hose adapter separately.*



METAL HOSE 6'
NO. 49-90-0080
For cleaning boiler tubes and furnaces. 1-1/4" OD fits into standard 1-1/2" ID hoses.



HOSE CARRIER*
NO. 49-90-0170 FOR 14" TANKS
NO. 49-90-0180 FOR 16" TANKS
Ideal for neat safe storage of vacuum hoses. Makes moving from one location to another easier.

*** NOTE: Hose Carriers will not fit No. 8950 or No. 8955 Vacuum Cleaners.**

CANVAS STORE-ALL TOOL POUCH
NO. 49-90-0250
For Models 8911, 8912, 8917, 8921 and 8925. Strong durable vinyl covered canvas pouch... makes toting extra tools easy.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY VACUUM CLEANER ACCESSORIES

DOUBLE BEND FLOOR WAND
NO. 49-90-1000

Built-in swivel connection adapts to 1-1/2" I.D. hose, with compression fitting that accommodates all floor tools. Made of chrome-plated steel.

MAJOR FLOOR TOOL **NO. 49-90-0550**

Major Floor Tool with two "quick turn" thumb screws for quick tool changing. Accommodates interchangeable 14" inserts and replacements. Supplied with 49-90-0610 bumper.

14" REPLACEMENT BUMPER FOR MAJOR FLOOR TOOL **NO. 49-90-0610**

14" BRISTLE SHOD SHOE
NO. 49-90-0560

For Major Floor Tool. For rough floors, large wall and ceiling areas.

14" REPLACEMENT BRUSH STRIPS (2) **NO. 49-90-0630**

14" SQUEEGEE SHOE **NO. 49-90-0580**

Use with Major Floor Tool. For fast drying of washed floors.

14" REPLACEMENT SQUEEGEE BLADES (4) **NO. 49-90-0640**

14" CARPET INSERT **NO. 49-90-0600**

For Major Floor Tool. Bottom plate perfectly designed for cleaning rugs, carpeting.

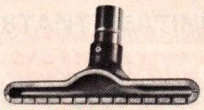
14" FABRIC SHOD ATTACHMENT SHOE
NO. 49-90-0570

Use with Major Floor Tool. Suited for cleaning cement and concrete floors.

14" REPLACEMENT FABRIC STRIPS (2) **NO. 49-90-0620**

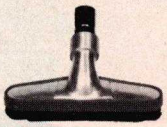
14" FELT SHOD ATTACHMENT SHOE
NO. 49-90-0590

Use with Major Floor Tool. For walls and smooth hard floors such as tile, hardwood.



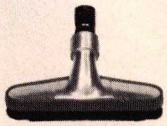
WIDE MOUTH GULPER
NO. 49-90-0540

Ideal for use on bare floors or rugs. 12" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.



NYLON BRISTLE BRUSH
NO. 49-90-0760

Heavy-duty cast aluminum, wide mouth nozzle. 10" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.



HORSE HAIR BRUSH
NO. 49-90-0750

Heavy-duty cast aluminum, wide mouth nozzle. 10" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.

PLASTIC BUMPER
NO. 49-90-0720

Replacement for horse hair and nylon bristle brushes.

NOTE: ACCESSORIES LISTED BELOW FIT ONLY TWO PIECE FLOOR WAND OR FIT DIRECTLY ON 1-1/2" I.D. HOSE

TWO PIECE DOUBLE BEND FLOOR WAND
NO. 49-90-1765

Two piece construction for easy storage. Made of chrome-plated steel. Adapts to all MILWAUKEE 1-1/2" I.D. hose. Compression fit connector accommodates Master Nozzle No. 49-90-1780.

14" MASTER NOZZLE **NO. 49-90-1780**

Economical, high impact, durable plastic construction. Master Nozzle with snap lock feature for use with rug shoe and squeegee shoe listed below.

14" RUG SHOE **NO. 49-90-1790**

For use with Master Nozzle No. 49-90-1780. Ideal for cleaning rugs and carpets.

14" SQUEEGEE SHOE **NO. 49-90-1785**

For use with Master Nozzle No. 49-90-1780. For fast drying of wet floors.

6" UTILITY NOZZLE **NO. 49-90-1775**

Economical, high impact, durable plastic construction. Fits 1-1/2" I.D. hose for upholstery cleaning and other small jobs.

CREVICE TOOL
NO. 49-90-1770

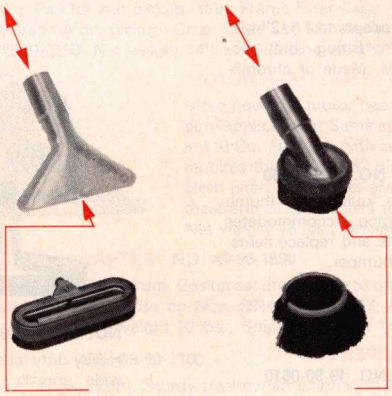
Economical, high impact, durable plastic construction. Ideal for cleaning around equipment, behind radiators, hard to reach corners and crevices. Fits 1-1/2" I.D. hose.

HEAVY-DUTY VACUUM CLEANER ACCESSORIES

NOTE: 20" EXTENSION RECOMMENDED FOR USE WITH UTILITY NOZZLE AND ROUND DUST BRUSH. (UTILITY NOZZLE AND ROUND DUST BRUSH MAY ALSO BE CONNECTED DIRECTLY TO ANY 1-1/2" I.D. HOSE.)

20" EXTENSION NO. 49-90-0510

20" extension with built-in hose end swivel. Used with utility nozzle (49-90-0740) for automotive cleaning. Also desirable when short extension is needed for dust brush attachments (49-90-0730).



ALUMINUM 6" UTILITY NOZZLE
NO. 49-90-0740
Taper fit utility and upholstery nozzle. Fits 1-1/2" I.D. hose. 6" cleaning path.

3" ROUND DUST BRUSH
NO. 49-90-0730
3" round dust brush with nylon bristles. Fits 1-1/2" I.D. hose.

CLAMP-ON NYLON BRISTLE BRUSH WITH BUMPER
NO. 49-90-0480
Attach directly to utility nozzle.

REPLACEMENT BRUSH INSERT
NO. 49-90-0660
Replacement for round dust brush.

27" METAL CREVICE TOOL NO. 49-90-0410
For cleaning behind radiators, other hard to reach corners and crevices.

15" METAL CREVICE TOOL NO. 49-90-0400
Fits 1-1/2" I.D. hose

FILTERS, FILTER CAGES CONVERSION PANS FOR VACUUM CLEANER NOS. 8911, 8912, 8917, 8925, 8931, 8935, 8937 and 8965

WIRE FRAME FILTER CAGE, CLOTH FILTER AND GASKET ASSEMBLY

Available for both 14" and 16" dia. tanks. The filter assembly acts as a final filter for air leaving tank. To achieve the best possible results, the cloth filter gasket and wire frame must be maintained. Any wear holes or gasket leaks will allow dust and debris to blow through exhaust ports.

NO. 49-90-0290
Wire Frame Filter Cage 14" Dia.

NO. 49-90-0270
Wire Frame Filter Cage 16" Dia.

NO. 49-90-0280
Cloth Filter and Gasket 14" Dia.

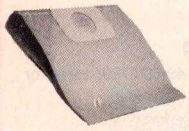
NO. 49-90-0260
Cloth Filter and Gasket 16" Dia.

WET PICK-UP CONVERSION PANS*

NO. 49-90-1620
Wet Pick-Up Conversion Pan 14" Dia. (Standard on Model 8935, 8937)

NO. 49-90-1610
Wet Pick-Up Conversion Pan 16" Dia. (Standard on Models 8911, 8912, 8917 and 8925)

*** NOT FOR USE ON MODEL NO. 8931 AND 8965 OR PREVIOUS MODEL NO. 8921.**



DISPOSABLE PAPER FILTER BAGS

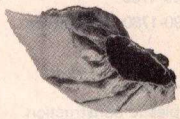
Flame-resistant paper filter bags.*

NO. 49-90-0311 (5 pack)
FOR 14" DIA. VACUUM CLEANER

*Vac NO. 8965 uses Bag No. 49-90-0301.

NO. 49-90-0301 (5 pack)
FOR 16" DIA. VACUUM CLEANER

NO. 49-90-0350 (5 pack)
FOR 16" DIA. VACUUM CLEANER NO. 8925 ONLY.



DISPOSABLE PAPER FILTER BAGS NO. 49-90-0331 (5 pack)

Fits all 14" and 16" Vacuum Cleaners, quick and easy to install on vacuum tank. Ideally suited for use when vacuuming extremely fine dust directly into vacuum tank.

DACRON FILTER NO. 49-90-0320

Fits 14" and 16" dia. tanks. The dacron bag is suited for pick-up of medium fine dust as well as coarse sharp material. To be used without paper filter bags. Fits over cloth filter assembly.

DURABLE PLASTIC CREVICE TOOL NO. 49-90-1770

Economical, high impact, durable plastic construction. Ideal for cleaning around equipment, behind radiators, hard to reach corners and crevices.

DURABLE PLASTIC 6" UTILITY NOZZLE
NO. 49-90-1775
Economical, high impact, durable plastic construction. Fits 1-1/2" I.D. hose for upholstery cleaning and other small jobs.

RUBBER BLOWER NOZZLE
NO. 49-90-0460
For blowing dust and dirt out of cracks and inaccessible areas. Excellent for machinery.

FILTERS FOR VACUUM CLEANER NOS. 8950, 8955 AND 8965 ONLY

CLOTH FILTER ASSEMBLY
NO. 49-90-0285
For 8950 and 8955.

NO. 49-90-0280
For 8965.

FOAM FILTER SLEEVE
NO. 49-90-0770
Motor Filter for 8950 and 8955.

NO. 49-90-1820
For 8965.

CARTRIDGE FILTER
NO. 49-90-1830
For 8950 and 8955.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

HEAVY-DUTY HEAT GUNS

UNLIMITED USES: USE WHEREVER PORTABLE, FLAMELESS HEAT IS REQUIRED

• DOUBLE INSULATED • HEAVY-DUTY: UNIQUE IMPACT RESISTANT HEATING ELEMENT

LIGHTWEIGHT: Only 1.6 Lbs. (8975)
1.6 Lbs. (8977)

EFFICIENT SOFT AIR VELOCITY

The soft air velocity of MILWAUKEE Heat Guns increases the surface temperature to the required working temperature much faster than conventional hot air heat guns. It also maintains a higher surface temperature, allowing faster completion of any standard commercial or industrial applications.

DUAL TEMPERATURE 570° F and 1000° F 8975

NEW HEAT GUN KIT contains No. 8975 Heat Gun, Accessory Assortment No. 49-80-0300 as shown below and Hi-impact polyethylene Carrying Case No. 48-55-7120.

(KIT) 8980 NEW

3 POSITION SWITCH
Rocker switch for off, high or low.

COOL AIR INLET
Design allows air movement at peak efficiency, even when tool is resting on support stand.

SUPPORT STAND
Enables Heat Gun to be stationary for workbench or assembly work, freeing both hands for use.

APPLICATIONS:

Softens, Molds, Bends, and Forms Plastics
Pre-Dries Surfaces for Fast Preparation
Softens Caulking, Putty and Plastics
Strips Paint, Varnish and Lacquer
Repairs Auto Top Vinyl
Thaws Frozen Pipes
Shrink Fits Plastic Tubing
Dries Electric Lines and Cables
Removes Tiles, Floor Covering Materials
Loosens Overtightened Screws and Joints
Plastic Welds, PVC Coated Fabrics and Foils

NEW

CARRYING CASE
NO. 48-55-7120
Hi-impact polyethylene with separate compartments for Heat Gun and four Nozzles of Assortment No. 49-80-0300.

USERS:

Plumbers, Painters, Floor Covering Installers, Technicians, Boat Builders, Food Processing, Industry, Mechanics, Contractors, Body Shops, Photographers, Schools, Laboratories

VARIABLE TEMPERATURE 212° F to 1000° F 8977

Rotate rear housing to select temperature ranges from 212° F to 1000° F.

ROCKER SWITCH
For off or on.

SPECIFICATIONS

CATALOG NUMBER	8975	8977
VOLTS	120	120
AMPS	11.6	11.6
AIR VOLUME	14.8 cu. ft./min.	14.8 cu. ft./min.
AIR TEMPERATURES	Low 570° F High 1000° F	212° F to 1000° F
LENGTH (INCHES)	10-1/8	10-1/8
NET WGT. (LBS.)	1.6	1.6
SHIPPING WGT. (LBS.)	2	2

SELECT HEAT GUN ACCESSORY ASSORTMENT BELOW OR SPECIFIC NOZZLES FOR PARTICULAR APPLICATIONS

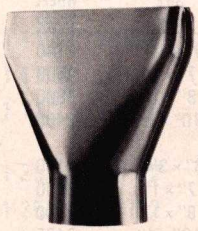
ACCESSORIES

HEAT GUN ACCESSORY ASSORTMENT
NO. 49-80-0300
Contains one each of accessories shown below

AIR REDUCTION NOZZLE
NO. 49-80-0297
For intensifying heat in specific areas—soldering.

HOOK NOZZLE
NO. 49-80-0292
When heat is needed to surround—bending, soldering pipe, shrinking tubing.

DEFLECTOR NOZZLE
NO. 49-80-0293
Deflects air away from glass when stripping paint or softening putty.



AIR SPREADER NOZZLE
NO. 49-80-0294
Intensifies heat for removing floor coverings, paint burning, vinyl top removal.

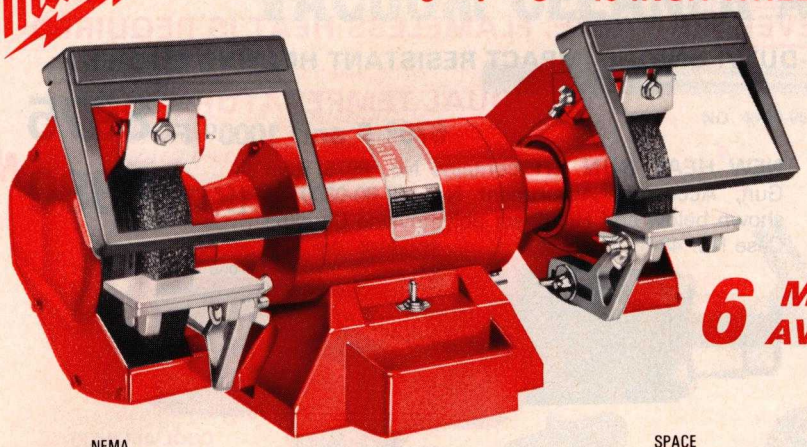
NEW

HEAT GUN ACCESSORY MERCHANDISER
NO. 49-22-7110
Space efficient, pegboard plan-a-gram (17-1/2" high × 17" wide) displays one each of 4 types of nozzles Nos. 49-80-0292, 49-80-0293, 49-80-0294, 49-80-0297 and a 4 piece assortment No. 49-80-0300. Nozzles are skin packaged and fit MILWAUKEE and many competitive heat guns.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

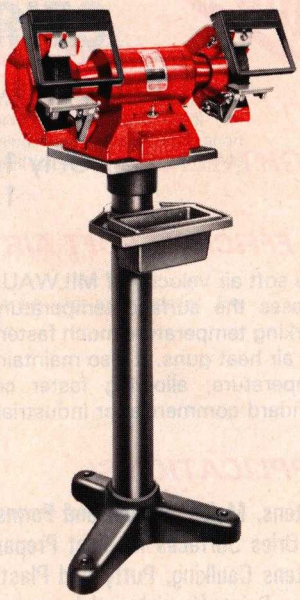
HEAVY-DUTY BENCH GRINDERS

6 • 7 • 8 • 10 INCH WHEEL SIZES



ALL BALL BEARINGS

6 MODELS AVAILABLE



CATALOG NUMBER	NEMA RATED H.P.	AMPS	VOLTS	SPEED RPM	WHEEL SIZE	SPINDLE (ARBOR SIZE)	SPACE BETWEEN WHEELS	EYE SHIELDS	SHP. WGT. (LBS.)
4931	1/3 HP	3.8	115	3450	6"	1/2"	12-1/2"	Lighted	29 lbs.
4935	1/3 HP	3.8	115	3450	6"	1/2"	12-1/2"	Non-Lighted	29 lbs.
4991	1/2 HP	4.0	115	3450	7"	5/8"	15-1/8"	Lighted	41 lbs.
4995	1/2 HP	4.0	115	3450	7"	5/8"	15-1/8"	Non-Lighted	41 lbs.
5051	3/4 HP	4.4	115	3450	8"	3/4"	15-5/8"	Lighted	57 lbs.
5091	1 HP	8.5/4.2	115/230	1725	10"	3/4"	17-3/8"	Lighted	90 lbs.

NOTE: All grinders supplied with eye shields and one coarse and one medium grinding wheel.

6" models have stamped steel tool rests and guards.
All other models have cast steel tool rests and guards.

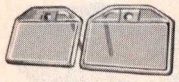
GRINDER PEDESTAL

NO. 49-39-0050 Heavy gray iron castings with tubular steel column. Removable water pot. Adaptable to all models. Height 34". Shp. Wt. 54 lbs. Shown with model 4991.

EYE SHIELDS

PLEXIGLASS LENS ONLY

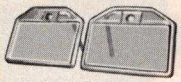
NO. 49-62-0115
Replacement plexiglass lens only for lighted eye shields as supplied with Grinder Numbers 4931, 4991, 5051 and 5091. Order replacement frames separately from the Service Parts List.



PLEXIGLASS LENS FRAME COMBINATION PAIR

NO. 49-62-0120
Replacement units for Grinders without lighted eye shields Numbers 4935 and 4995.

EYE SHIELDS FOR PREVIOUS MODELS 4901, 4921, 4981, 5041 and 5081

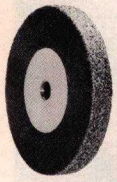


PLASTIC EYE SHIELDS NO. 49-62-0100 (Pair)
These protective eye shields were furnished as standard equipment on above MILWAUKEE Bench Grinders. Easily replaced when pitted. Supplied as a pair. Complete with attaching hardware for MILWAUKEE Bench Grinder. Shp. Wt. 1 lb. per pair.

ILLUMINATED EYE SHIELD NO. 49-62-0050
Metal frame holds 4" × 6" glass window...easily replaced when pitted. Long tube bulb eliminates shadow...separate cord with on-off switch operates on 120 Volts AC. Rigid support prevents swiveling. Available for models 4981, 5041 and 5081 only. If pair required specify 2 units. Shp. Wt. 4 lbs. each.

GLASS EYE SHIELDS NO. 49-62-0060 (Pair)
Frame holds 3" × 5" Shatter-Resistant glass. Mounting bracket included. Adaptable to all five previous models. Shp. Wt. 4 lbs. per pair.

WHEELS FOR BENCH GRINDERS



GRINDING WHEELS

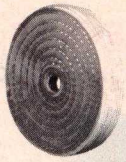
1" ARBOR HOLE ON ALL WHEELS
3/4", 5/8", 1/2" BUSHINGS
SUPPLIED WITH EACH GRINDING WHEEL

	CATALOG NUMBER	SIZE (IN.)	MAX. WHEEL SPEED
36 GRIT	49-92-3305	6" × 3/4"	4140
	49-92-3310	7" × 1"	3600
	49-92-3315	8" × 1"	3600
	49-92-3320	10" × 1"	2485
60 GRIT	49-92-3325	6" × 3/4"	4140
	49-92-3330	7" × 1"	3600
	49-92-3335	8" × 1"	3600
	49-92-3340	10" × 1"	2485
80 GRIT	49-92-3345	6" × 3/4"	4140
	49-92-3350	7" × 1"	3600
	49-92-3355	8" × 1"	3600

KNOT WIRE BRUSHES

CATALOG NUMBER	SIZE (IN.)	HOLE (DIA.)	WIRE SIZE	MAX. WHEEL SPEED
48-52-2510	6"	1/2"-5/8"	.014	8000
48-52-2710	7"	5/8"-3/4"	.014	5000
48-52-4810	10"	3/4"	.014	4500

CLOTH BUFFING WHEELS

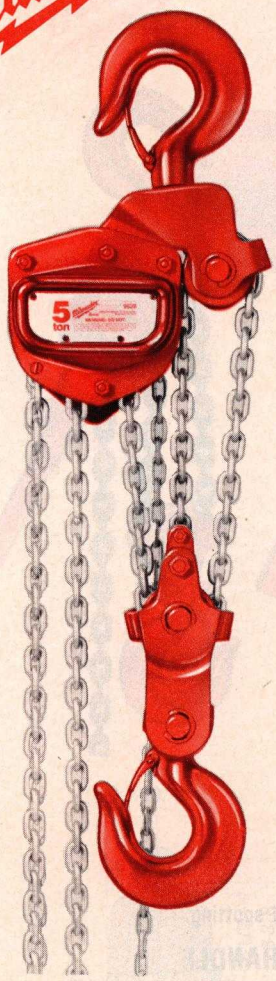


1/4" Width 4 per package

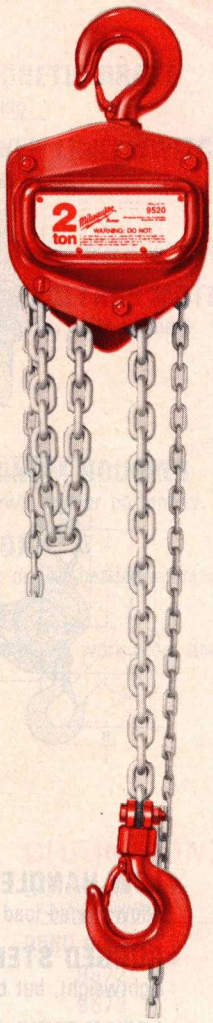
CATALOG NUMBER	SIZE (IN.)	HOLE DIA.
49-93-0081	6"	1/2"
49-93-0091	6"	5/8"
49-93-0101	7"	5/8"
49-93-0106	8"	3/4"
49-93-0111	10"	3/4"

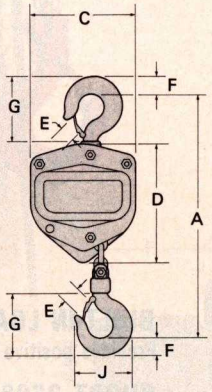
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

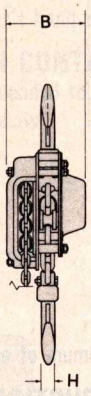
PROFESSIONAL HAND CHAIN HOISTS



- **MECHANICAL LOAD BRAKE**
  Provides positive load control and spotting.
- **HEAT-TREATED STEEL SPUR GEARING**
  Reduces hand chain pull effort. Makes lifting easier.
- **COMPACT GEAR HOUSINGS**
  Allows use where headroom is limited.
- **PERMANENTLY LUBRICATED GEARS AND BEARINGS**
  Provide smooth operation and assure long life.
- **THROUGH-HARDENED LOAD CHAIN**
  Provides high strength and wear resistance.
- **LATCH-TYPE SWIVEL HOOKS**
  Standard on all models.







SPECIFICATIONS

CATALOG NUMBER	RATED LOAD (TON)	LIFT HEIGHT† (FT.)	A (IN.)	B (IN.)	C (IN.)	D (IN.)	E (IN.)	F (IN.)	G (IN.)	H (IN.)	J (IN.)	PULL REQUIRED TO LIFT RATED LOAD (LBS.)	FEET OF CHAIN OVERHAUL TO LIFT 1 FOOT	APPROXIMATE SHIPPING WEIGHT (LBS.)
9500	1/2	10	10-1/4	5-5/8	6-5/16	6-1/4	25/32	13/32	3-1/2	23/32	3	76	21	28
9501	1/2	15	10-1/4	5-5/8	6-5/16	6-1/4	25/32	13/32	3-1/2	23/32	3	76	21	31
9502	1/2	20	10-1/4	5-5/8	6-5/16	6-1/4	25/32	13/32	3-1/2	23/32	3	76	21	34
9510	1	10	11-1/2	5-27/32	6-7/8	7	31/32	1-3/16	4-3/64	29/32	3-25/32	75	44-1/2	34
9511	1	15	11-1/2	5-27/32	6-7/8	7	31/32	1-3/16	4-3/64	29/32	3-25/32	75	44-1/2	38
9512	1	20	11-1/2	5-27/32	6-7/8	7	31/32	1-3/16	4-3/64	29/32	3-25/32	75	44-1/2	42
9520	2	10	15	6-31/32	9-15/32	9-1/2	1-3/16	1-15/32	5	1-3/16	4-11/16	90	69	58
9521	2	15	15	6-31/32	9-15/32	9-1/2	1-3/16	1-15/32	5	1-3/16	4-11/16	90	69	65
9522	2	20	15	6-31/32	9-15/32	9-1/2	1-3/16	1-15/32	5	1-3/16	4-11/16	90	69	72
9525	3	10	17-3/4	7-17/32	10-5/8	11	1-7/16	1-5/8	5-27/32	1-11/32	5-9/16	102	83-1/2	82
9526	3	15	17-3/4	7-17/32	10-5/8	11	1-7/16	1-5/8	5-27/32	1-11/32	5-9/16	102	83-1/2	91
9527	3	20	17-3/4	7-17/32	10-5/8	11	1-7/16	1-5/8	5-27/32	1-11/32	5-9/16	102	83-1/2	100
9528	5	10	26-3/8	6-7/16	12-7/32	8-1/4	1-11/16	2-7/32	7-11/16	1-25/32	7-1/32	97	170	103
9529	5	20	26-3/8	6-7/16	12-7/32	8-1/4	1-11/16	2-7/32	7-11/16	1-25/32	7-1/32	97	170	117

† Hand chain drop is approximately two feet less than lift.

MILWAUKEE lifting tools meet the design and test requirements of all existing OSHA and ANSI Standards for Overhead Hoists.
WARNING: **MILWAUKEE lifting tools are not to be used for lifting, supporting or transporting people, nor for lifting loads over people.**
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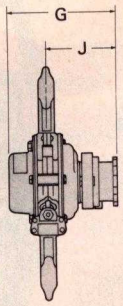
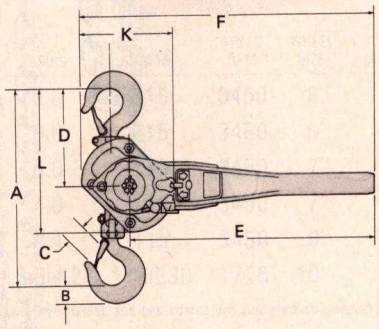
Valid warranties must be substantiated by the discovery of defective material and/or workmanship.

PROFESSIONAL LEVER HOISTS





- **LOW HANDLE EFFORT**
  Allows rated load to be lifted with minimum of effort.
- **RUGGED STEEL BODY CONSTRUCTION**
  Lightweight, but built for years of hard work.
- **LATCH-TYPE SWIVEL HOOK**
  Standard on all models.
- **BUILT-IN LOAD BRAKE**
  Provides positive load control and spotting.
- **SHORT 360° ROTATING HANDLE**
  Permits versatile positioning and excellent maneuverability.
- **FREE CHAIN CONTROL**
  Reduces set up time for ease of use.

SPECIFICATIONS

CATALOG NUMBER	RATED LOAD (TON)	LIFT HEIGHT† (FT.)	A (IN.)	B (IN.)	C (IN.)	D (IN.)	E (IN.)	F (IN.)	G (IN.)	J (IN.)	K (IN.)	L (IN.)	PULL REQUIRED TO LIFT RATED LOAD (LBS.)	APPROXIMATE SHIPPING WEIGHT (LBS.)
9530	3/4	5	11-1/2	61/64	63/64	5-3/4	10-1/4	13-1/8	6-1/8	4-5/32	5-23/32	8-1/4	44	19
9531	3/4	10	11-1/2	61/64	63/64	5-3/4	10-1/4	13-1/8	6-1/8	4-5/32	5-23/32	8-1/4	44	22
9532	3/4	20	11-1/2	61/64	63/64	5-3/4	10-1/4	13-1/8	6-1/8	4-5/32	5-23/32	8-1/4	44	28
9540	1-1/2	5	14-1/4	1-5/16	1-11/32	6-7/8	16-5/32	19-1/4	7-1/4	4-21/32	6-1/2	9-5/8	48	30
9541	1-1/2	10	14-1/4	1-5/16	1-11/32	6-7/8	16-5/32	19-1/4	7-1/4	4-21/32	6-1/2	9-5/8	48	35
9542	1-1/2	20	14-1/4	1-5/16	1-11/32	6-7/8	16-5/32	19-1/4	7-1/4	4-21/32	6-1/2	9-5/8	48	44
9545	3	5	18-1/2	1-5/8	1-25/32	8-5/8	16-5/32	20-1/4	8-15/32	5-1/8	8-9/32	12-3/4	75	50
9546	3	10	18-1/2	1-5/8	1-25/32	8-5/8	16-5/32	20-1/4	8-15/32	5-1/8	8-9/32	12-3/4	75	59
9547	3	20	18-1/2	1-5/8	1-25/32	8-5/8	16-5/32	20-1/4	8-15/32	5-1/8	8-9/32	12-3/4	75	75
9548	6	5	24-7/16	2-9/64	1-57/64	10-1/2	16-5/32	22	8-15/32	5-1/8	10-1/4	14-3/4	82	77
9549	6	20	24-7/16	2-9/64	1-57/64	10-1/2	16-5/32	22	8-15/32	5-1/8	10-1/4	14-3/4	82	128

MILWAUKEE lifting tools meet the design and test requirements of all existing OSHA and ANSI Standards for Overhead Hoists.
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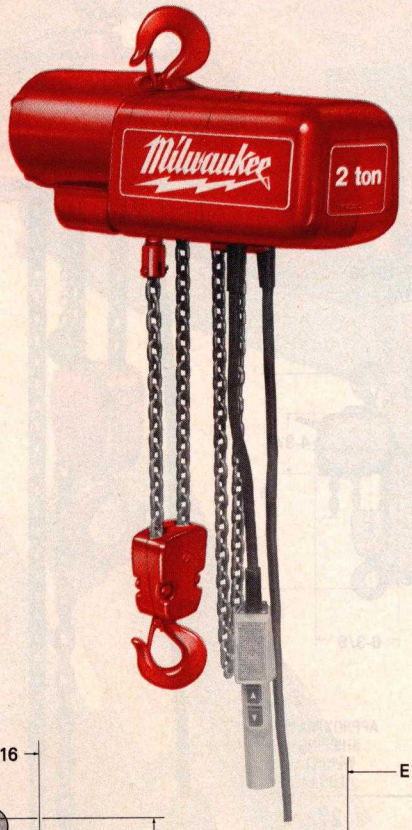
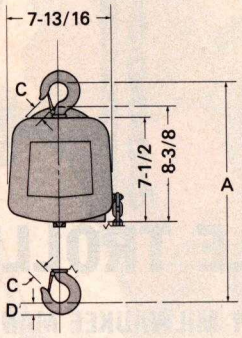
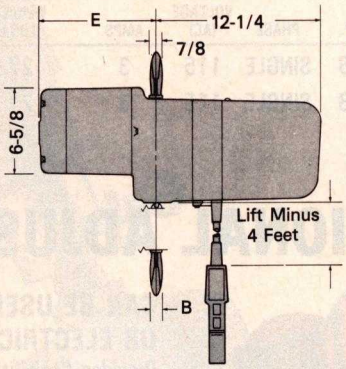
PROFESSIONAL ELECTRIC CHAIN HOISTS

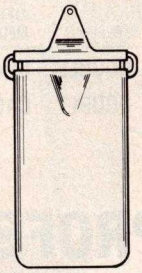
Duty Service Classification—H3, on time up to 25%* of work period.
***3 phase on time up to 33% of work period.**



- **BUILT-IN, MULTIPLE-DISC, MAGNETIC BRAKE**
  Provides positive load holding and spotting.
- **ADJUSTABLE UPPER AND LOWER LIMIT SWITCHES**
  For maximum flexibility in regulating load travel.
- **OVERLOAD LIMITING CLUTCH**
  Guards against lifting damaging overloads while operating hoist.
- **SINGLE OR THREE-PHASE DUAL VOLTAGE MOTORS**
  Choose between 115/230V and 230/460VAC units to meet your operation's power requirements.
- **LATCH-TYPE SWIVEL HOOKS**
  Standard on all models.
- **RUGGED, LIGHTWEIGHT ALUMINUM HOUSING**
  Corrosion-resistant. Reduced weight allows greater portability.
- **24-VOLT PUSHBUTTON STATION**
  Fits user's hand to allow thumb, trigger or two-handed operation.
- **CHAIN CONTAINERS AVAILABLE**
  Recommended to keep surplus chain out of the work area. See chart below.







CHAIN CONTAINERS

ELECTRIC CHAIN HOIST CATALOG NUMBER	CHAIN CONTAINER CATALOG NUMBER
9560 thru 9571	**48-12-0111**
9572	**48-12-0112**
9573	**48-12-0113**

SPECIFICATIONS

CATALOG NUMBER	RATED LOAD (TON)	LIFTING SPEED (FT./MIN.)	LIFT HEIGHT † (FT.)	A (IN.)	B (IN.)	C (IN.)	D (IN.)	E (IN.)	H.P.	PHASE	VOLTAGE (AC)	AMPS AT LOW VOLTAGE	REEVING	APPROX. SHIPPING WEIGHT (LBS.)
9560	1/2	16	10	18	3/4	1	1	9	1/2	SINGLE	115/230	9.8	SINGLE	79
9561	1/2	16	15	18	3/4	1	1	9	1/2	SINGLE	115/230	9.8	SINGLE	85
9562	1/2	16	20	18	3/4	1	1	9	1/2	SINGLE	115/230	9.8	SINGLE	103
9565	1	16	10	18	3/4	1	1	10-1/2	1	SINGLE	115/230	16.0	SINGLE	94
9566	1	16	10	18	3/4	1	1	8-5/8	1	THREE	230/460	3.3	SINGLE	94
9567	1	16	15	18	3/4	1	1	10-1/2	1	SINGLE	115/230	16.0	SINGLE	97
9568	1	16	20	18	3/4	1	1	10-1/2	1	SINGLE	115/230	16.0	SINGLE	103
9570	2	8	10	22	7/8	1-1/8	1-1/8	10-1/2	1	SINGLE	115/230	16.0	DOUBLE	103
9571	2	8	10	22	7/8	1-1/8	1-1/8	8-5/8	1	THREE	230/460	3.3	DOUBLE	103
9572	2	8	15	22	7/8	1-1/8	1-1/8	10-1/2	1	SINGLE	115/230	16.0	DOUBLE	110
9573	2	8	20	22	7/8	1-1/8	1-1/8	10-1/2	1	SINGLE	115/230	16.0	DOUBLE	118

† Pushbutton cable length: four feet less than lift.

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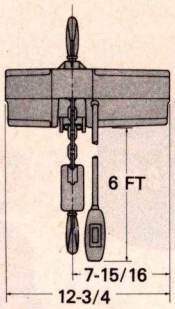
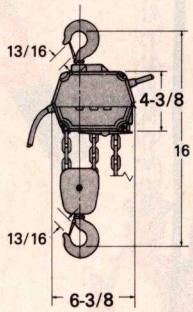
PROFESSIONAL ELECTRIC HOISTS

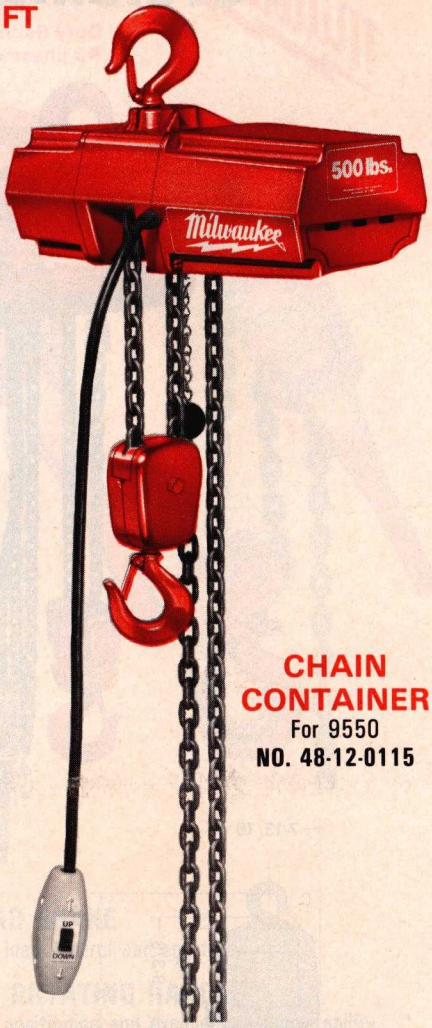
2 LIGHTWEIGHT MODELS—STANDARD 10 FT. LIFT

— VALUE PACKED FEATURES —

- **UPPER AND LOWER LIMIT SWITCH**
  Regulates overall load travel.
- **LATCH-TYPE SWIVEL HOOK**
- **ALL BALL BEARING MOTORS**
- **RUGGED, LIGHTWEIGHT ALUMINUM HOUSING**
  For greater portability.
- **FOR APPLICATIONS NOT EXCEEDING 10% ON TIME PER HOUR**







CHAIN CONTAINER
For 9550
NO. 48-12-0115

9550 — 500 LB. ELECTRIC CHAIN HOIST

- **BUILT-IN DISC BRAKE**
  Provides positive holding and spotting.
- **CHAIN CONTAINER AVAILABLE**
  Recommended to keep surplus chain out of the work area.

9555 — 500 LB. ELECTRIC CABLE HOIST

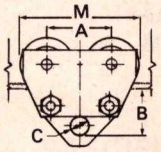
- **UPPER LIMIT SWITCH**
  Regulates upward load travel.
- **1/8" STEEL CABLE**

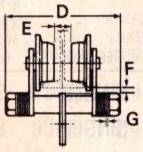
SPECIFICATIONS

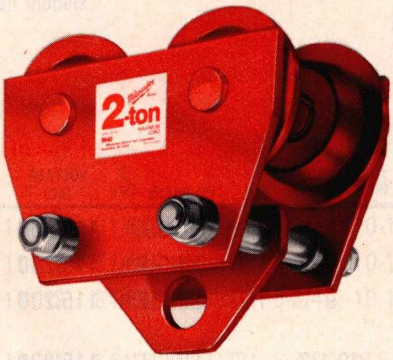
CATALOG NUMBER	RATED LOAD (TON)	LIFTING SPEED (FT./MIN.)	LIFT HEIGHT † (FT.)	REEVING	LIFTING MEDIUM	H.P.	PHASE	VOLTAGE (AC)	AMPS	APPROXIMATE SHIPPING WEIGHT (LBS.)
9550	1/4	8	10	DOUBLE	CHAIN	1/6	SINGLE	115	3	27
9555	1/4	10	10	DOUBLE	CABLE	1/6	SINGLE	115	3	21

† Pushbutton cable length: four feet less than lift.

PROFESSIONAL ADJUSTABLE TROLLEYS







- **CAN BE USED WITH ANY MILWAUKEE MANUAL OR ELECTRIC HOIST**
  Provides flexibility for a wide range of material handling applications.
- **FULLY ADJUSTABLE**
  Fits most standard and wide-flange I-beams.
- **PRECISION WHEELS**
  Roll heavy loads with ease.
- **PERMANENTLY SEALED PRECISION BALL BEARINGS**
  Prelubricated sealed bearings for long life and reduced maintenance.

SPECIFICATIONS

CATALOG NUMBER	RATED LOAD (TON)	I-BEAM HEIGHT † (IN.-LB./FT.)	I-BEAM WIDTH ◆ (INS.)	MINIMUM RADIUS (INS.)	WHEEL TREAD DIAMETER (INS.)	CLEARANCE DIMENSIONS A (INS.)	B * (INS.)	C (INS.)	D (INS.)	E * (INS.)	F * (INS.)	G (INS.)	M (INS.)	APPROXIMATE SHIPPING WEIGHT (LBS.)
9610	1/2	4"-10#	2.66-4.66	36	2-1/4	4.13	3.42	1.26	8.31	.87	.58	.13	7.68	14
9620	1	5"-12#	3.00-5.00	48	2-3/4	4.57	3.47	1.38	8.74	1.35	.50	.13	8.70	23
9640	2	6"-18#	3.33-6.00	60	4-3/8	6.30	4.65	1.77	10.47	.97	.60	.13	12.13	52
9660	3	8"-20#	4.00-6.25	60	4-1/4	6.31	4.62	2.20	11.41	1.56	.75	.18	12.05	60
9665	5	10"-24#	4.66-7.00	60	4-3/8	6.77	5.41	2.56	13.98	1.66	.89	.18	12.95	96

† American Standard I-beam.
* Dimensions based on minimum size I-beam. ◆Minimum—maximum adjustable width of trolley.

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Milwaukee®

HEAVY-DUTY ELECTRIC TOOLS FOR CONTRACTORS AND INDUSTRY

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MILWAUKEE ELECTRIC TOOL (CANADA) LTD. 755 PROGRESS AVE.
SCARBOROUGH, ONTARIO M1H 2W7 PHONE: (416) 439-4181 FAX NO. 416-439-6210